

**APPENDIX H**

**RED-COCKADED WOODPECKER (RCW)**

**FORAGING ANALYSIS TABLES FOR THE**

**STANDARD FOR MANAGED STABILITY (SMS)**

**AND RECOVERY STANDARDS (RS),**

**ALTERNATIVES A AND B, MANEUVER CENTER**

**OF EXCELLENCE PROJECTS**

Appendix Table H-201. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-04, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|----------|------|--------|--------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0327       | 1.95  | 45       | 31          | 26.57                | 7.00              | 19.70                 | 15.50              | 18.48               | 25.50            | 2.10                | 1.33                 | 0.46               | 1.50            | 41.00            | 49.50                         | 2                            | 32      | 4            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0336       | 17.88 | 20       | 21          | 23.90                | 6.50              | 22.37                 | 17.00              | 16.40               | 22.50            | 3.59                | 1.36                 | 1.58               | 3.00            | 39.50            | 49.00                         | 2                            | 39      | 7            | 3                               | 1         | 0                  |                  |             |                              |                         | 17.88                    | 706.26              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0338       | 14.83 | 82       | 21          | 14.70                | 4.50              | 13.42                 | 10.00              | 16.75               | 26.50            | 3.75                | 4.51                 | 0.25               | 3.50            | 36.50            | 44.50                         | 2                            | 35      | 14           | 3                               | 1         | 1                  | 14.83            | 541.30      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0343       | 2.39  | 67       | 31P         | 535.57               | 115.00            | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 115.00                        | 1                            | 40      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 2.39                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0344       | 12.40 | 20       | 31P         | 56.26                | 16.84             | 10.14                 | 7.37               | 12.37               | 18.42            | 0.00                | 0.00                 | 0.00               | 0.00            | 25.79            | 42.63                         | 6                            | 17      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 12.40                    | 319.80              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0426       | 0.15  | 11       | 21P         | 16.81                | 4.00              | 10.83                 | 8.00               | 3.55                | 5.00             | 10.37               | 3.69                 | 3.42               | 8.00            | 13.00            | 25.00                         | 4                            | 28      | 33           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.15                     | 1.95                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0428       | 0.82  | 56       | 25          | 12.64                | 4.50              | 28.99                 | 20.50              | 5.61                | 6.50             | 2.55                | 0.00                 | 0.00               | 0.00            | 27.00            | 31.50                         | 1                            | 36      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.82                     | 22.14               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0429       | 0.15  | 62       | 26P         | 30.91                | 9.50              | 16.50                 | 12.50              | 11.19               | 15.00            | 13.49               | 1.96                 | 0.50               | 2.50            | 27.50            | 39.50                         | 1                            | 28      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.15                     | 4.13                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0430       | 6.80  | 56       | 31          | 20.19                | 7.50              | 16.97                 | 12.00              | 9.67                | 16.00            | 4.06                | 4.49                 | 0.37               | 3.50            | 28.00            | 39.00                         | 1                            | 37      | 15           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.80                     | 190.40              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1102       | 8.40  | 64       | 21          | 66.69                | 16.25             | 21.34                 | 15.00              | 12.50               | 17.50            | 5.77                | 5.63                 | 4.21               | 10.00           | 32.50            | 58.75                         | 2                            | 18      | 23           | 3                               | 1         | 1                  | 8.40             | 273.00      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1103       | 6.35  | 52       | 31          | 97.61                | 30.00             | 39.25                 | 28.33              | 10.05               | 11.67            | 12.62               | 4.35                 | 2.68               | 6.67            | 40.00            | 76.67                         | 1                            | 18      | 12           | 3                               | 1         | 0                  |                  |             | 6.35                         | 254.00                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1105       | 36.55 | 25       | 31          | 165.94               | 46.00             | 34.25                 | 21.00              | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 21.00            | 67.00                         | 1                            | 27      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 36.55                    | 767.55              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1107       | 6.77  | 51       | 31          | 34.78                | 10.50             | 21.21                 | 14.50              | 10.87               | 18.50            | 18.12               | 5.11                 | 1.15               | 5.00            | 33.00            | 48.50                         | 1                            | 38      | 16           | 3                               | 1         | 1                  | 6.77             | 223.41      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1114       | 5.84  | 65       | 66**        | 13.86                | 3.50              | 1.14                  | 1.00               | 5.33                | 8.00             | 28.53               | 17.15                | 4.29               | 16.50           | 9.00             | 29.00                         | 6                            | 23      | 77           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1115       | 0.01  | 74       | 31          | 71.97                | 20.53             | 28.95                 | 20.00              | 10.59               | 14.21            | 20.28               | 8.07                 | 1.42               | 7.37            | 34.21            | 62.11                         | 1                            | 21      | 19           | 3                               | 1         | 0                  |                  |             | 0.01                         | 0.34                    |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp381*      | 2.44  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.44                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp382*      | 0.70  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.70                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp383*      | 8.20  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 8.20                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp430*      | 2.18  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.18                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp486*      | 53.46 | 19       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 53.46                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp487*      | 2.57  | 19       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.57                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp631*      | 3.11  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.11                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp632*      | 6.70  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 6.70                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| 200.69      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30.00 | 1,037.71 | 6.36 | 254.34 | 156.50 | 2,012.23 |

| REMOVALS       |             |                |                                                           |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |
|----------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |
| O0336          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 1.40                             | 55.30                       |  |  |  |  |  |  |
| O0338          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 0.56                             | 20.44                       |  |  |  |  |  |  |
| O0344          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 4.54                             | 117.09                      |  |  |  |  |  |  |
| O0430          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 0.02                             | 0.56                        |  |  |  |  |  |  |
| O1102          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails | 2.55                     |                     | 82.88                                |                                 |                                  |                             |  |  |  |  |  |  |
| O1105          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 1.47                             | 30.87                       |  |  |  |  |  |  |
| O1107          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails | 1.50                     |                     | 49.50                                |                                 |                                  |                             |  |  |  |  |  |  |
| pp383*         | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 2.11                             | 0.00                        |  |  |  |  |  |  |
| pp430*         | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 0.18                             | 0.00                        |  |  |  |  |  |  |
| pp486*         | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     |                                      |                                 | 8.59                             | 0.00                        |  |  |  |  |  |  |
| 2009 SUB-TOTAL |             |                |                                                           | 4.05                     | 132.38              | 0.00                                 | 0.00                            | 18.87                            | 224.26                      |  |  |  |  |  |  |
| O0338          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              | 1.21                     |                     | 44.17                                |                                 |                                  |                             |  |  |  |  |  |  |
| O0426          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 0.13                             | 1.69                        |  |  |  |  |  |  |
| O0428          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 0.30                             | 8.10                        |  |  |  |  |  |  |
| O0430          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 1.83                             | 51.24                       |  |  |  |  |  |  |
| pp383*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 1.31                             | 0.00                        |  |  |  |  |  |  |
| 2010 SUB-TOTAL |             |                |                                                           | 1.21                     | 44.17               | 0.00                                 | 0.00                            | 3.57                             | 61.03                       |  |  |  |  |  |  |
| TOTAL REMOVALS |             |                |                                                           | 5.26                     | 176.55              | 0.00                                 | 0.00                            | 22.44                            | 285.29                      |  |  |  |  |  |  |

| POST-PROJECT                 |  |        |          |        |          |  |  |  |  |
|------------------------------|--|--------|----------|--------|----------|--|--|--|--|
|                              |  | 2009   |          | 2010   |          |  |  |  |  |
|                              |  | Acres  | BA       | Acres  | BA       |  |  |  |  |
| Suitable Habitat             |  | 25.95  | 905.33   | 24.74  | 861.16   |  |  |  |  |
| Potentially Suitable Habitat |  | 6.36   | 254.34   | 6.36   | 254.34   |  |  |  |  |
| Future Potential Habitat     |  | 137.63 | 1,787.97 | 134.06 | 1,726.94 |  |  |  |  |
| TOTAL                        |  | 169.94 | 2,947.64 | 165.16 | 2,842.44 |  |  |  |  |

|                              |  |  |                                            |              |
|------------------------------|--|--|--------------------------------------------|--------------|
| Key:                         |  |  | Type Burn:                                 | Stand Score  |
| BA= basal area               |  |  | 0= no data available                       | 0=Unsuitable |
| hwd= hardwood                |  |  | 1= non-growing season                      | 1=Suitable   |
| hgc= herbaceous ground cover |  |  | 2= growing season                          |              |
| Hardwood Midstory:           |  |  | Forest Type:                               |              |
| 1 = low, sparse              |  |  | 21 = Longleaf Pine                         |              |
| 2 = low, moderate            |  |  | 21P = Longleaf Pine Plantation             |              |
| 3 = low, dense               |  |  | 25 = Mixed Pine                            |              |
| 4 = medium, sparse           |  |  | 26P = Mixed Pine-Longleaf Plantation       |              |
| 5 = tall, sparse             |  |  | 31 = Loblolly Pine                         |              |
| 6 = medium, moderate         |  |  | 31P = Loblolly Pine Plantation             |              |
| 7 = tall, moderate           |  |  | 66** = Oak-Hickory (managed for hardwoods) |              |
| 8 = medium, dense            |  |  |                                            |              |
| 9 = tall, dense              |  |  |                                            |              |

\* Note: No pine data was taken for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-202. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-04, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT   |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |                    |              |                                 |           |                    |             |                  |                              |                         |                          |                     |                 |
|---------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|----------------------|--------------------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|------------------------------|-------------------------|--------------------------|---------------------|-----------------|
| Stand         | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | Hwd Height HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |                 |
| O0327         | 1.95  | 45       | 31          | 26.57                | 7.00              | 19.70                 | 15.50              | 18.48               | 25.50            | 2.10                | 1.33                 | 0.46               | 1.50            | 41.00            | 49.50                         | 2                    | 32                 | 4            | 3                               | 1         | 4.44               | PS          |                  |                              |                         | 0.00                     | 0.00                |                 |
| O0336         | 17.88 | 20       | 21          | 23.90                | 6.50              | 22.37                 | 17.00              | 16.40               | 22.50            | 3.59                | 1.36                 | 1.58               | 3.00            | 39.50            | 49.00                         | 2                    | 39                 | 7            | 3                               | 1         | 3.98               | PS          |                  |                              |                         | 17.88                    | 706.26              |                 |
| O0338         | 14.83 | 82       | 21          | 14.70                | 4.50              | 13.42                 | 10.00              | 16.75               | 26.50            | 3.75                | 4.51                 | 0.25               | 3.50            | 36.50            | 44.50                         | 2                    | 35                 | 14           | 3                               | 1         | 4.48               | PS          |                  |                              |                         | 14.83                    | 541.39              |                 |
| O0343         | 2.39  | 67       | 31P         | 535.57               | 115.00            | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 115.00                        | 1                    | 40                 | 0            | 3                               | 1         | 3.33               | PS          |                  |                              |                         | 2.39                     | 0.00                |                 |
| O0344         | 12.40 | 20       | 31P         | 56.26                | 16.84             | 10.14                 | 7.37               | 12.37               | 18.42            | 0.00                | 0.00                 | 0.00               | 0.00            | 25.79            | 42.63                         | 6                    | 17                 | 0            | 3                               | 1         | 3.06               | PS          |                  |                              |                         | 12.40                    | 319.80              |                 |
| O0426         | 0.15  | 11       | 21P         | 16.81                | 4.00              | 10.83                 | 8.00               | 3.55                | 5.00             | 10.37               | 3.69                 | 3.42               | 8.00            | 13.00            | 25.00                         | 4                    | 28                 | 33           | 3                               | 1         | 2.50               | PS          |                  |                              |                         | 0.15                     | 1.95                |                 |
| O0428         | 0.82  | 56       | 25          | 12.64                | 4.50              | 28.99                 | 20.50              | 5.61                | 6.50             | 2.55                | 0.00                 | 0.00               | 0.00            | 27.00            | 31.50                         | 1                    | 36                 | 0            | 3                               | 1         | 3.63               | PS          |                  |                              |                         | 0.82                     | 22.14               |                 |
| O0429         | 0.15  | 62       | 26P         | 30.91                | 9.50              | 16.50                 | 12.50              | 11.19               | 15.00            | 13.49               | 1.96                 | 0.50               | 2.50            | 27.50            | 39.50                         | 1                    | 28                 | 8            | 3                               | 1         | 4.08               | PS          |                  |                              |                         | 0.15                     | 4.13                |                 |
| O0430         | 6.80  | 56       | 31          | 20.19                | 7.50              | 16.97                 | 12.00              | 9.67                | 15.00            | 4.06                | 4.49                 | 0.37               | 3.50            | 28.00            | 38.00                         | 1                    | 37                 | 15           | 3                               | 1         | 3.99               | PS          |                  |                              |                         | 6.80                     | 190.40              |                 |
| O1102         | 8.40  | 64       | 21          | 66.69                | 16.25             | 21.34                 | 15.00              | 12.50               | 17.50            | 5.77                | 5.63                 | 4.21               | 10.00           | 32.50            | 58.75                         | 2                    | 18                 | 23           | 3                               | 1         | 3.77               | PS          |                  |                              |                         | 8.40                     | 273.00              |                 |
| O1103         | 6.35  | 52       | 31          | 97.61                | 30.00             | 39.25                 | 28.33              | 10.05               | 11.67            | 12.62               | 4.35                 | 2.68               | 6.67            | 40.00            | 76.67                         | 1                    | 18                 | 12           | 3                               | 1         | 3.61               | PS          |                  |                              |                         | 6.35                     | 254.00              |                 |
| O1105         | 36.55 | 25       | 31          | 165.94               | 46.00             | 34.25                 | 21.00              | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 21.00            | 67.00                         | 1                    | 27                 | 0            | 3                               | 1         | 2.62               | PS          |                  |                              |                         | 36.55                    | 767.55              |                 |
| O1107         | 6.77  | 51       | 31          | 34.78                | 10.50             | 21.21                 | 14.50              | 10.87               | 18.50            | 18.12               | 5.11                 | 1.15               | 5.00            | 33.00            | 48.50                         | 1                    | 38                 | 16           | 3                               | 1         | 3.92               | PS          |                  |                              |                         | 6.77                     | 223.41              |                 |
| O1114         | 5.84  | 65       | 66**        | 13.86                | 3.50              | 1.14                  | 1.00               | 5.33                | 8.00             | 28.53               | 17.15                | 4.29               | 16.50           | 9.00             | 29.00                         | 6                    | 23                 | 77           | 3                               | 1         | 3.09               | NH          |                  |                              |                         | 0.00                     | 0.00                |                 |
| O1115         | 0.01  | 74       | 31          | 71.97                | 20.53             | 28.95                 | 20.00              | 10.59               | 14.21            | 20.28               | 8.07                 | 1.42               | 7.37            | 34.21            | 62.11                         | 1                    | 21                 | 19           | 3                               | 1         | 3.79               | PS          |                  |                              |                         | 0.01                     | 0.34                |                 |
| pp381*        | 2.44  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 2.44                     | 0.00                |                 |
| pp382*        | 0.70  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 0.70                     | 0.00                |                 |
| pp383*        | 8.20  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 8.20                     | 0.00                |                 |
| pp430*        | 2.18  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 2.18                     | 0.00                |                 |
| pp486*        | 53.46 | 19       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 53.46                    | 0.00                |                 |
| pp487*        | 2.57  | 19       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 2.57                     | 0.00                |                 |
| pp631*        | 3.11  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 3.11                     | 0.00                |                 |
| pp632*        | 6.70  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0                  | 0            | 0                               | 0         | 1.91               | PS          |                  |                              |                         | 6.70                     | 0.00                |                 |
| <b>200.69</b> |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |                    |              |                                 |           |                    |             | <b>0.00</b>      | <b>0.00</b>                  | <b>0.00</b>             | <b>0.00</b>              | <b>192.86</b>       | <b>3,304.28</b> |

| REMOVALS              |             |                |                                                           |                          |                     |                                      |
|-----------------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed |
| O0336                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 1.40                                 |
| O0338                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 0.56                                 |
| O0344                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 4.54                                 |
| O0430                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 0.02                                 |
| O1102                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 2.55                                 |
| O1105                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 1.47                                 |
| O1107                 | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 1.50                                 |
| pp383*                | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trail  |                          |                     | 2.11                                 |
| pp430*                | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 0.18                                 |
| pp486*                | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails |                          |                     | 8.59                                 |
| <b>2009 SUB-TOTAL</b> |             |                |                                                           | <b>0.00</b>              | <b>0.00</b>         | <b>22.92</b>                         |
| O0338                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     | 1.21                                 |
| O0426                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     | 0.13                                 |
| O0428                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     | 0.30                                 |
| O0430                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     | 1.83                                 |
| pp383*                | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     | 1.31                                 |
| <b>2010 SUB-TOTAL</b> |             |                |                                                           | <b>0.00</b>              | <b>0.00</b>         | <b>4.78</b>                          |
| <b>TOTAL REMOVALS</b> |             |                |                                                           | <b>0.00</b>              | <b>0.00</b>         | <b>27.70</b>                         |

| POST-PROJECT                 |        |          |        |
|------------------------------|--------|----------|--------|
|                              | 2009   | 2010     |        |
| Suitable Habitat             | 0.00   | 0.00     | 0.00   |
| Potentially Suitable Habitat | 0.00   | 0.00     | 0.00   |
| Future Potential Habitat     | 169.94 | 2,947.64 | 165.16 |
| TOTAL                        | 169.94 | 2,947.64 | 165.16 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1= low, sparse  
2= low, moderate  
3= low, dense  
4= medium, sparse  
5= tall, sparse  
6= medium, moderate  
7= tall, moderate  
8= medium, dense  
9= tall, dense

Forest Type:  
21= Longleaf Pine  
21P= Longleaf Pine Plantation  
25= Mixed Pine  
26P= Mixed Pine-Longleaf Plantation  
31= Loblolly Pine  
31P= Loblolly Pine Plantation  
66\*\*= Oak-Hickory (managed for hardwoods)

\* Note: No pine data was taken for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-203. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O03-05, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |       |          |       |        |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|----------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|-------|----------|-------|--------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |       |          |       |        |
| N0101       | 0.12  | 75       | 21          | 9.55                 | 3.50              | 8.65                  | 6.00               | 13.65               | 23.50            | 1.43                | 1.27                 | 0.78               | 2.00            | 29.50            | 35.00                         | 5                    | 28      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.12                     | 3.54                |       |          |       |        |
| N0105       | 12.75 | 54       | 21          | 22.19                | 8.00              | 14.38                 | 10.50              | 14.67               | 21.50            | 4.53                | 1.28                 | 0.88               | 2.50            | 32.00            | 42.50                         | 2                    | 37      | 7            | 3                               | 1         | 1                  | 12.75            | 408.00      |                              |                         |                          |                     |       |          |       |        |
| N0107       | 6.58  | 63       | 21          | 13.22                | 4.44              | 14.33                 | 11.11              | 11.60               | 22.22            | 5.47                | 2.08                 | 1.60               | 4.44            | 33.33            | 42.22                         | 2                    | 39      | 12           | 3                               | 1         | 1                  | 6.58             | 219.31      |                              |                         |                          |                     |       |          |       |        |
| N0109       | 0.39  | 63       | 22P         | 2.63                 | 1.11              | 31.35                 | 22.22              | 12.58               | 17.78            | 2.36                | 5.16                 | 0.00               | 3.33            | 40.00            | 44.44                         | 2                    | 41      | 11           | 3                               | 1         | 1                  | 0.39             | 15.60       |                              |                         |                          |                     |       |          |       |        |
| N0110       | 28.34 | 79       | 21          | 10.97                | 4.00              | 11.58                 | 9.00               | 28.47               | 46.50            | 3.95                | 2.04                 | 0.45               | 2.50            | 55.50            | 62.00                         | 2                    | 43      | 6            | 3                               | 1         | 1                  | 28.34            | 1,572.87    |                              |                         |                          |                     |       |          |       |        |
| N0114       | 19.12 | 85       | 31          | 63.02                | 21.00             | 35.03                 | 23.00              | 10.29               | 16.50            | 6.74                | 8.05                 | 0.48               | 5.50            | 39.50            | 66.00                         | 5                    | 27      | 16           | 3                               | 1         | 0                  |                  |             | 19.12                        | 755.24                  |                          |                     |       |          |       |        |
| N0121       | 3.02  | 43       | 22P         | 45.49                | 15.50             | 50.49                 | 34.50              | 3.66                | 4.50             | 0.00                | 0.00                 | 0.00               | 0.00            | 39.00            | 54.50                         | 2                    | 38      | 0            | 3                               | 1         | 1                  | 3.02             | 117.78      |                              |                         |                          |                     |       |          |       |        |
| O0201       | 27.26 | 71       | 21          | 19.03                | 4.50              | 5.90                  | 5.00               | 21.49               | 34.00            | 1.36                | 0.50                 | 0.00               | 0.50            | 39.00            | 44.00                         | 1                    | 18      | 2            | 3                               | 1         | 1                  | 27.26            | 1,063.14    |                              |                         |                          |                     |       |          |       |        |
| O0202       | 6.38  | 71       | 21          | 64.72                | 16.25             | 17.19                 | 11.25              | 6.10                | 8.75             | 18.24               | 1.30                 | 1.49               | 3.75            | 20.00            | 40.00                         | 2                    | 26      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.38                     | 127.60              |       |          |       |        |
| O0204       | 6.88  | 71       | 31          | 17.20                | 4.50              | 14.29                 | 10.00              | 12.50               | 24.50            | 6.00                | 0.76                 | 0.97               | 3.00            | 34.50            | 42.00                         | 7                    | 27      | 6            | 3                               | 1         | 0                  |                  |             | 6.88                         | 237.36                  |                          |                     |       |          |       |        |
| O0206       | 6.95  | 39       | 31          | 5.76                 | 2.00              | 28.35                 | 20.00              | 3.71                | 5.00             | 8.11                | 4.86                 | 0.00               | 3.00            | 25.00            | 30.00                         | 2                    | 38      | 13           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.95                     | 173.75              |       |          |       |        |
| O0208       | 17.54 | 56       | 26          | 21.54                | 6.00              | 15.86                 | 12.00              | 16.66               | 27.00            | 5.58                | 2.30                 | 1.39               | 4.00            | 39.00            | 49.00                         | 7                    | 30      | 10           | 3                               | 1         | 0                  |                  |             | 17.54                        | 684.06                  |                          |                     |       |          |       |        |
| O0209       | 1.94  | 39       | 66**        | 15.70                | 3.68              | 10.08                 | 7.37               | 5.86                | 10.53            | 12.66               | 13.24                | 2.13               | 11.58           | 17.89            | 33.16                         | 2                    | 25      | 49           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |       |          |       |        |
| O0301       | 13.75 | 80       | 26          | 7.97                 | 2.00              | 12.80                 | 9.50               | 20.61               | 30.00            | 2.82                | 0.00                 | 0.45               | 0.50            | 39.50            | 42.00                         | 1                    | 33      | 1            | 3                               | 1         | 1                  | 13.75            | 543.13      |                              |                         |                          |                     |       |          |       |        |
| O0305       | 42.63 | 46       | 31          | 32.21                | 9.00              | 26.95                 | 19.50              | 17.47               | 26.00            | 17.14               | 2.81                 | 0.77               | 3.50            | 45.50            | 58.00                         | 1                    | 28      | 7            | 3                               | 1         | 1                  | 42.63            | 1,939.67    |                              |                         |                          |                     |       |          |       |        |
| O0306       | 9.00  | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                    | 30      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 9.00                     | 265.50              |       |          |       |        |
| O0310       | 17.66 | 39       | 31          | 12.73                | 4.00              | 24.12                 | 17.50              | 10.70               | 15.00            | 10.48               | 2.47                 | 1.40               | 3.50            | 32.50            | 40.00                         | 1                    | 40      | 10           | 3                               | 1         | 1                  | 17.66            | 573.95      |                              |                         |                          |                     |       |          |       |        |
| O0315       | 0.55  | 39       | 31          | 42.88                | 12.50             | 25.77                 | 18.50              | 14.20               | 19.50            | 0.00                | 0.00                 | 0.45               | 0.50            | 38.00            | 51.00                         | 1                    | 43      | 1            | 3                               | 1         | 1                  | 0.55             | 20.90       |                              |                         |                          |                     |       |          |       |        |
| pp696*      | 4.10  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.10                     | 0.00                |       |          |       |        |
| pp697*      | 9.20  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 9.20                     | 0.00                |       |          |       |        |
| pp698*      | 1.90  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.90                     | 0.00                |       |          |       |        |
| pp749*      | 13.04 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 13.04                    | 0.00                |       |          |       |        |
| pp808*      | 8.52  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 8.52                     | 0.00                |       |          |       |        |
| pp809*      | 12.50 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 12.50                    | 0.00                |       |          |       |        |
| 270.12      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |                  |             |                              |                         | 152.93                   | 6,474.35            | 43.54 | 1,676.66 | 71.71 | 570.39 |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| N0110          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 0.10                     | 5.55                |                                      |                                 |                                  |                             |
| N0114          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 4.93                                 | 194.74                          |                                  |                             |
| N0121          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 1.29                     | 50.31               |                                      |                                 |                                  |                             |
| O0201          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 3.78                     | 147.42              |                                      |                                 |                                  |                             |
| O0202          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.46                             | 29.20                       |
| O0206          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.54                             | 38.50                       |
| O0301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.22                     | 87.69               |                                      |                                 |                                  |                             |
| O0305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.22                     | 101.01              |                                      |                                 |                                  |                             |
| O0310          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.99                     | 97.18               |                                      |                                 |                                  |                             |
| O0315          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 0.14                     | 5.32                |                                      |                                 |                                  |                             |
| pp749*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 2.49                                 | 0.00                            |                                  |                             |
| pp808*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 0.96                                 | 0.00                            |                                  |                             |
| pp809*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 1.58                                 | 0.00                            |                                  |                             |
| TOTAL REMOVALS |             |                |                                              | 12.74                    | 494.48              | 4.93                                 | 194.74                          | 8.03                             | 67.70                       |

| POST-PROJECT                 |        |          | 2010            |
|------------------------------|--------|----------|-----------------|
| Suitable Habitat             | Acres  | BA       | 140.19 5,979.87 |
| Potentially Suitable Habitat | 38.61  | 1,481.92 |                 |
| Future Potential Habitat     | 63.68  | 502.69   |                 |
| TOTAL                        | 242.48 | 7,964.48 |                 |

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Hardwood Midstory:  
21 = low, sparse  
21P = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Stand Score  
0=Unsuitable  
1=Suitable

21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
22P = Slash Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine  
66\*\* = Oak-Hickory (managed for hardwoods)

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-204. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-05, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |                         |                              |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------------------|------------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable BA | Potentially Suitable Acreage | Future Potential Acreage | Future Potential BA |
| N0101       | 0.12  | 75       | 21          | 9.55                 | 3.50              | 8.65                  | 6.00               | 13.65               | 23.50            | 1.43                | 1.27                 | 0.78               | 2.00            | 29.50            | 35.00                         | 5                           | 28      | 8            | 3                               | 1         | 4.16               | PS          |                  |                         |                              | 0.12                     | 3.54                |
| N0105       | 12.75 | 54       | 21          | 22.19                | 8.00              | 14.38                 | 10.50              | 14.67               | 21.50            | 4.53                | 1.28                 | 0.88               | 2.50            | 32.00            | 42.50                         | 2                           | 37      | 7            | 3                               | 1         | 4.34               | PS          |                  |                         |                              | 12.75                    | 408.00              |
| N0107       | 6.58  | 63       | 21          | 13.22                | 4.44              | 14.33                 | 11.11              | 11.60               | 22.22            | 5.47                | 2.08                 | 1.60               | 4.44            | 33.33            | 42.22                         | 2                           | 39      | 12           | 3                               | 1         | 4.33               | PS          |                  |                         |                              | 6.58                     | 219.31              |
| N0109       | 0.39  | 63       | 22P         | 2.63                 | 1.11              | 31.35                 | 22.22              | 12.58               | 17.78            | 2.36                | 5.16                 | 0.00               | 3.33            | 40.00            | 44.44                         | 2                           | 41      | 11           | 3                               | 1         | 4.34               | PS          |                  |                         |                              | 0.39                     | 15.60               |
| N0110       | 28.34 | 79       | 21          | 10.97                | 4.00              | 11.58                 | 9.00               | 28.47               | 46.50            | 3.95                | 2.04                 | 0.45               | 2.50            | 55.50            | 62.00                         | 2                           | 43      | 6            | 3                               | 1         | 4.85               | CS          | 28.34            | 1,572.87                |                              |                          |                     |
| N0114       | 19.12 | 85       | 31          | 63.02                | 21.00             | 35.03                 | 23.00              | 10.29               | 16.50            | 6.74                | 8.05                 | 0.48               | 5.50            | 39.50            | 66.00                         | 5                           | 27      | 16           | 3                               | 1         | 3.76               | PS          |                  |                         |                              | 19.12                    | 755.24              |
| N0121       | 3.02  | 43       | 22P         | 45.49                | 15.50             | 50.49                 | 34.50              | 3.66                | 4.50             | 0.00                | 0.00                 | 0.00               | 0.00            | 39.00            | 54.50                         | 2                           | 38      | 0            | 3                               | 1         | 3.18               | PS          |                  |                         |                              | 3.02                     | 117.78              |
| O0201       | 27.26 | 71       | 21          | 19.03                | 4.50              | 5.90                  | 5.00               | 21.49               | 34.00            | 1.36                | 0.50                 | 0.00               | 0.50            | 39.00            | 44.00                         | 1                           | 18      | 2            | 3                               | 1         | 4.49               | CS          | 27.26            | 1,063.14                |                              |                          |                     |
| O0202       | 6.38  | 71       | 21          | 64.72                | 16.25             | 17.19                 | 11.25              | 6.10                | 8.75             | 18.24               | 1.30                 | 1.49               | 3.75            | 20.00            | 40.00                         | 2                           | 26      | 11           | 3                               | 1         | 3.46               | PS          |                  |                         |                              | 6.38                     | 127.60              |
| O0204       | 6.88  | 71       | 31          | 17.20                | 4.50              | 14.29                 | 10.00              | 12.50               | 24.50            | 6.00                | 0.76                 | 0.97               | 3.00            | 34.50            | 42.00                         | 7                           | 27      | 6            | 3                               | 1         | 3.95               | PS          |                  |                         |                              | 6.88                     | 237.36              |
| O0206       | 6.95  | 39       | 31          | 5.76                 | 2.00              | 28.35                 | 20.00              | 3.71                | 5.00             | 8.11                | 4.86                 | 0.00               | 3.00            | 25.00            | 30.00                         | 2                           | 38      | 13           | 3                               | 1         | 3.09               | PS          |                  |                         |                              | 6.95                     | 173.75              |
| O0208       | 17.54 | 56       | 26          | 21.54                | 6.00              | 15.86                 | 12.00              | 16.66               | 27.00            | 5.58                | 2.30                 | 1.39               | 4.00            | 39.00            | 49.00                         | 7                           | 30      | 10           | 3                               | 1         | 3.99               | PS          |                  |                         |                              | 17.54                    | 684.06              |
| O0209       | 1.94  | 39       | 66**        | 15.70                | 3.68              | 10.08                 | 7.37               | 5.86                | 10.53            | 12.66               | 13.24                | 2.13               | 11.58           | 17.89            | 33.16                         | 2                           | 25      | 49           | 3                               | 1         | 3.04               | PS          |                  |                         |                              | 0.00                     | 0.00                |
| O0301       | 13.75 | 80       | 26          | 7.97                 | 2.00              | 12.80                 | 9.50               | 20.61               | 30.00            | 2.82                | 0.00                 | 0.45               | 0.50            | 39.50            | 42.00                         | 1                           | 33      | 1            | 3                               | 1         | 4.70               | CS          | 13.75            | 543.13                  |                              |                          |                     |
| O0305       | 42.63 | 46       | 31          | 32.21                | 9.00              | 26.95                 | 19.50              | 17.47               | 26.00            | 17.14               | 2.81                 | 0.77               | 3.50            | 45.50            | 58.00                         | 1                           | 28      | 7            | 3                               | 1         | 4.19               | PS          |                  |                         |                              | 42.63                    | 1,939.67            |
| O0306       | 9.00  | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                           | 30      | 0            | 3                               | 1         | 3.48               | PS          |                  |                         |                              | 9.00                     | 265.50              |
| O0310       | 17.66 | 39       | 31          | 12.73                | 4.00              | 24.12                 | 17.50              | 10.70               | 15.00            | 10.48               | 2.47                 | 1.40               | 3.50            | 32.50            | 40.00                         | 1                           | 40      | 10           | 3                               | 1         | 3.72               | PS          |                  |                         |                              | 17.66                    | 573.95              |
| O0315       | 0.55  | 39       | 31          | 42.88                | 12.50             | 25.77                 | 18.50              | 14.20               | 19.50            | 0.00                | 0.00                 | 0.45               | 0.50            | 38.00            | 51.00                         | 1                           | 43      | 1            | 3                               | 1         | 4.01               | PS          |                  |                         |                              | 0.55                     | 20.90               |
| pp696*      | 4.10  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 4.10                     | 0.00                |
| pp697*      | 9.20  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 9.20                     | 0.00                |
| pp698*      | 1.90  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 1.90                     | 0.00                |
| pp749*      | 13.04 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 13.04                    | 0.00                |
| pp808*      | 8.52  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 8.52                     | 0.00                |
| pp809*      | 12.50 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                              | 12.50                    | 0.00                |
| 270.12      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |                         |                              |                          |                     |
|             |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    | 69.35       | 3,179.14         | 0.00                    | 0.00                         | 198.83                   | 5,542.26            |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| N0110          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 0.10                     | 5.55                |                                      |                                 |                                  |                             |
| N0114          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 4.93                             | 194.74                      |
| N0121          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.29                             | 50.31                       |
| O0201          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 3.78                     | 147.42              |                                      |                                 |                                  |                             |
| O0202          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.46                             | 29.20                       |
| O0206          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.54                             | 38.50                       |
| O0301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.22                     | 87.69               |                                      |                                 |                                  |                             |
| O0305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.22                             | 101.01                      |
| O0310          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.99                             | 97.18                       |
| O0315          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.14                             | 5.32                        |
| pp749*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.49                             | 0.00                        |
| pp808*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.96                             | 0.00                        |
| pp809*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.58                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              | 6.10                     | 240.66              | 0.00                                 | 0.00                            | 19.60                            | 516.26                      |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2010   |          |
| Suitable Habitat             | Acres  | BA       |
|                              | 63.25  | 2,938.48 |
| Potentially Suitable Habitat |        |          |
|                              | 0.00   | 0.00     |
| Future Potential Habitat     |        |          |
|                              | 179.23 | 5,026.09 |
| TOTAL                        |        |          |
|                              | 242.48 | 7,964.48 |

| Key                            |                                            |                          |
|--------------------------------|--------------------------------------------|--------------------------|
| BA= basal area                 | Type Burn:                                 | Suitability              |
| dbh= diameter at breast height | 0= no data available                       | CS= currently suitable   |
| hwd= hardwood                  | 1= non-growing season                      | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season                          | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                               |                          |
| 1 = low, sparse                | 21 = Longleaf Pine                         |                          |
| 2 = low, moderate              | 21P = Longleaf Pine Plantation             |                          |
| 3 = low, dense                 | 22P = Slash Pine Plantation                |                          |
| 4 = medium, sparse             | 26 = Mixed Pine-Longleaf                   |                          |
| 5 = tall, sparse               | 31 = Loblolly Pine                         |                          |
| 6 = medium, moderate           | 66** = Oak-Hickory (managed for hardwoods) |                          |
| 7 = tall, moderate             |                                            |                          |
| 8 = medium, dense              |                                            |                          |
| 9 = tall, dense                |                                            |                          |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-205. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O03-06F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT   |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |                  |                 |                              |                         |                          |                     |
|---------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-----------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand         | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA     | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0306         | 29.61 | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                           | 30      | 0            | 3                               | 1         | 0                  |                  |                 |                              |                         | 29.61                    | 873.50              |
| O0308         | 4.50  | 43       | 22P         | 11.13                | 3.50              | 20.00                 | 14.00              | 5.09                | 6.00             | 16.52               | 1.78                 | 0.45               | 1.50            | 20.00            | 25.00                         | 1                           | 36      | 8            | 3                               | 1         | 0                  |                  |                 |                              |                         | 4.50                     | 90.00               |
| O0310         | 13.01 | 39       | 31          | 12.73                | 4.00              | 24.12                 | 17.50              | 10.70               | 15.00            | 10.48               | 2.47                 | 1.40               | 3.50            | 32.50            | 40.00                         | 1                           | 40      | 10           | 3                               | 1         | 1                  | 13.01            | 422.83          |                              |                         |                          |                     |
| O0311         | 32.17 | 41       | 26          | 29.45                | 8.50              | 23.75                 | 15.50              | 6.81                | 9.00             | 6.49                | 1.19                 | 0.00               | 1.00            | 24.50            | 34.00                         | 1                           | 30      | 4            | 3                               | 1         | 0                  |                  |                 |                              |                         | 32.17                    | 788.17              |
| O0312         | 13.80 | 41       | 22P         | 114.62               | 33.00             | 19.44                 | 13.00              | 2.79                | 4.00             | 6.36                | 1.65                 | 0.95               | 2.50            | 17.00            | 52.50                         | 2                           | 26      | 10           | 3                               | 1         | 0                  |                  |                 |                              |                         | 13.80                    | 234.60              |
| O0313         | 6.82  | 55       | 10          | 19.35                | 7.00              | 17.52                 | 12.00              | 12.88               | 18.00            | 24.43               | 8.31                 | 1.62               | 8.00            | 30.00            | 45.00                         | 1                           | 23      | 25           | 3                               | 1         | 1                  | 6.82             | 204.60          |                              |                         |                          |                     |
| O0314         | 37.72 | 42       | 22P         | 25.52                | 9.50              | 29.95                 | 20.50              | 8.34                | 10.50            | 3.91                | 0.00                 | 0.28               | 0.50            | 31.00            | 41.00                         | 1                           | 32      | 1            | 3                               | 1         | 1                  | 37.72            | 1,169.32        |                              |                         |                          |                     |
| O0315         | 43.44 | 39       | 31          | 42.88                | 12.50             | 25.77                 | 18.50              | 14.20               | 19.50            | 0.00                | 0.00                 | 0.45               | 0.50            | 38.00            | 51.00                         | 1                           | 43      | 1            | 3                               | 1         | 1                  | 43.44            | 1,650.72        |                              |                         |                          |                     |
| O0320         | 7.31  | 40       | 31          | 22.66                | 8.57              | 24.05                 | 17.14              | 13.06               | 18.57            | 7.04                | 2.62                 | 1.38               | 2.86            | 35.71            | 47.14                         | 2                           | 41      | 10           | 3                               | 1         | 1                  | 7.31             | 261.04          |                              |                         |                          |                     |
| O0321         | 34.42 | 42       | 21          | 27.92                | 7.50              | 11.34                 | 9.00               | 10.43               | 14.00            | 6.57                | 1.54                 | 0.89               | 2.50            | 23.00            | 33.00                         | 1                           | 39      | 10           | 3                               | 1         | 0                  |                  |                 |                              |                         | 34.42                    | 791.66              |
| O0322         | 13.54 | 42       | 22P         | 42.20                | 14.50             | 29.33                 | 19.50              | 5.72                | 7.50             | 0.00                | 0.00                 | 0.40               | 0.50            | 27.00            | 42.00                         | 1                           | 35      | 1            | 3                               | 1         | 0                  |                  |                 |                              |                         | 13.54                    | 365.58              |
| O0326         | 12.77 | 40       | 10          | 31.81                | 9.00              | 19.49                 | 13.00              | 8.12                | 12.50            | 26.74               | 5.21                 | 1.88               | 6.00            | 25.50            | 40.50                         | 6                           | 19      | 20           | 3                               | 1         | 0                  |                  |                 |                              |                         | 12.77                    | 325.64              |
| O0327         | 14.02 | 45       | 31          | 26.57                | 7.00              | 19.70                 | 15.50              | 18.48               | 25.50            | 2.10                | 1.33                 | 0.46               | 1.50            | 41.00            | 49.50                         | 2                           | 32      | 4            | 3                               | 1         | 1                  | 14.02            | 574.82          |                              |                         |                          |                     |
| pp377*        | 1.34  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                 |                              |                         | 1.34                     | 0.00                |
| pp379*        | 1.63  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                 |                              |                         | 1.63                     | 0.00                |
| <b>266.10</b> |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    | <b>122.32</b>    | <b>4,283.33</b> | <b>0.00</b>                  | <b>0.00</b>             | <b>143.78</b>            | <b>3,469.15</b>     |

| REMOVALS       |             |                |                                                             |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
|----------------|-------------|----------------|-------------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                                | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |  |  |  |
| O0306          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 8.00                             | 236.00                      |  |  |  |  |  |  |  |  |  |
| O0313          | 2009        | 69742          | Support Staging Area                                        | 1.53                     | 45.90               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| O0314          | 2009        | 69742          | Support Staging Area                                        | 2.18                     | 67.58               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| O0314          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   | 9.30                     | 288.30              |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| O0315          | 2009        | 69742          | Northern Training Area Infrastructure-Construct Tank Trails | 2.54                     | 96.52               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| O0320          | 2009        | 69742          | Northern Training Area Infrastructure-Construct Tank Trails | 2.40                     | 85.70               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| O0326          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 4.69                             | 119.60                      |  |  |  |  |  |  |  |  |  |
| O0327          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   | 4.39                     | 179.99              |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |
| TOTAL REMOVALS |             |                |                                                             | 22.34                    | 763.99              | 0.00                                 | 0.00                            | 12.69                            | 355.60                      |  |  |  |  |  |  |  |  |  |

| POST-PROJECT                 |               | 2009            |  |
|------------------------------|---------------|-----------------|--|
| Suitable Habitat             | Acres         | BA              |  |
| Suitable Habitat             | 99.98         | 3,519.34        |  |
| Potentially Suitable Habitat | 0.00          | 0.00            |  |
| Future Potential Habitat     | 131.09        | 3,113.55        |  |
| <b>TOTAL</b>                 | <b>231.07</b> | <b>6,632.89</b> |  |

|                                                                                      |                                  |              |
|--------------------------------------------------------------------------------------|----------------------------------|--------------|
| <b>Key:</b>                                                                          |                                  |              |
| BA= basal area                                                                       | Type Burn:                       | Stand Score  |
| dbh= diameter at breast height                                                       | 0= no data available             | 0=Unsuitable |
| hwd= hardwood                                                                        | 1= non-growing season            | 1=Suitable   |
| hgc= herbaceous ground cover                                                         | 2= growing season                |              |
| Hardwood Midstory:                                                                   |                                  |              |
| 1 = low, sparse                                                                      | 10 = Yellow Pine-Upland Hardwood |              |
| 2 = low, moderate                                                                    | 21 = Longleaf Pine               |              |
| 3 = low, dense                                                                       | 21P = Longleaf Pine Plantation   |              |
| 4 = medium, sparse                                                                   | 22P = Slash Pine Plantation      |              |
| 5 = tall, sparse                                                                     | 26 = Mixed Pine-Longleaf         |              |
| 6 = medium, moderate                                                                 | 31 = Loblolly Pine               |              |
| 7 = tall, moderate                                                                   |                                  |              |
| 8 = medium, dense                                                                    |                                  |              |
| 9 = tall, dense                                                                      |                                  |              |
| *Note: No pine data was collected for pine plantation stands less than 30 years old. |                                  |              |

Appendix Table H-206. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-06R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |                      |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|----------------------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | Hwd Midstory HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |
| O0306       | 29.61 | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                           | 30                   | 0            | 3                               | 1         | 3.48               | PS          |                  |             | 29.61                        | 873.50                  |                          |                     |  |  |  |  |  |  |  |  |
| O0308       | 4.50  | 43       | 22P         | 11.13                | 3.50              | 20.00                 | 14.00              | 5.09                | 6.00             | 16.52               | 1.78                 | 0.45               | 1.50            | 20.00            | 25.00                         | 1                           | 36                   | 8            | 3                               | 1         | 3.44               | PS          |                  |             | 4.50                         | 90.00                   |                          |                     |  |  |  |  |  |  |  |  |
| O0310       | 13.01 | 39       | 31          | 12.73                | 4.00              | 24.12                 | 17.50              | 10.70               | 15.00            | 10.48               | 2.47                 | 1.40               | 3.50            | 32.50            | 40.00                         | 1                           | 40                   | 10           | 3                               | 1         | 3.72               | PS          |                  |             | 13.01                        | 422.83                  |                          |                     |  |  |  |  |  |  |  |  |
| O0311       | 32.17 | 41       | 26          | 29.45                | 8.50              | 23.75                 | 15.50              | 6.81                | 9.00             | 6.49                | 1.19                 | 0.00               | 1.00            | 24.50            | 34.00                         | 1                           | 30                   | 4            | 3                               | 1         | 3.42               | PS          |                  |             | 32.17                        | 788.17                  |                          |                     |  |  |  |  |  |  |  |  |
| O0312       | 13.80 | 41       | 22P         | 114.62               | 33.00             | 19.44                 | 13.00              | 2.79                | 4.00             | 6.36                | 1.65                 | 0.95               | 2.50            | 17.00            | 52.50                         | 2                           | 26                   | 10           | 3                               | 1         | 2.79               | PS          |                  |             | 13.80                        | 234.60                  |                          |                     |  |  |  |  |  |  |  |  |
| O0313       | 6.82  | 55       | 10          | 19.35                | 7.00              | 17.52                 | 12.00              | 12.88               | 18.00            | 24.43               | 8.31                 | 1.62               | 8.00            | 30.00            | 45.00                         | 1                           | 23                   | 25           | 3                               | 1         | 3.77               | PS          |                  |             | 6.82                         | 204.60                  |                          |                     |  |  |  |  |  |  |  |  |
| O0314       | 37.72 | 42       | 22P         | 25.52                | 9.50              | 29.95                 | 20.50              | 8.34                | 10.50            | 3.91                | 0.00                 | 0.28               | 0.50            | 31.00            | 41.00                         | 1                           | 32                   | 1            | 3                               | 1         | 3.62               | PS          |                  |             | 37.72                        | 1,169.32                |                          |                     |  |  |  |  |  |  |  |  |
| O0315       | 43.44 | 39       | 31          | 42.88                | 12.50             | 25.77                 | 18.50              | 14.20               | 19.50            | 0.00                | 0.00                 | 0.45               | 0.50            | 38.00            | 51.00                         | 1                           | 43                   | 1            | 3                               | 1         | 4.01               | PS          |                  |             | 43.44                        | 1,650.72                |                          |                     |  |  |  |  |  |  |  |  |
| O0320       | 7.31  | 40       | 31          | 22.66                | 8.57              | 24.05                 | 17.14              | 13.06               | 18.57            | 7.04                | 2.62                 | 1.38               | 2.86            | 35.71            | 47.14                         | 2                           | 41                   | 10           | 3                               | 1         | 4.22               | PS          |                  |             | 7.31                         | 261.04                  |                          |                     |  |  |  |  |  |  |  |  |
| O0321       | 34.42 | 42       | 21          | 27.92                | 7.50              | 11.34                 | 9.00               | 10.43               | 14.00            | 6.57                | 1.54                 | 0.89               | 2.50            | 23.00            | 33.00                         | 1                           | 39                   | 10           | 3                               | 1         | 3.65               | PS          |                  |             | 34.42                        | 791.66                  |                          |                     |  |  |  |  |  |  |  |  |
| O0322       | 13.54 | 42       | 22P         | 42.20                | 14.50             | 29.33                 | 19.50              | 5.72                | 7.50             | 0.00                | 0.00                 | 0.40               | 0.50            | 27.00            | 42.00                         | 1                           | 35                   | 1            | 3                               | 1         | 3.42               | PS          |                  |             | 13.54                        | 365.58                  |                          |                     |  |  |  |  |  |  |  |  |
| O0326       | 12.77 | 40       | 10          | 31.81                | 9.00              | 19.49                 | 13.00              | 8.12                | 12.50            | 26.74               | 5.21                 | 1.88               | 6.00            | 25.50            | 40.50                         | 6                           | 19                   | 20           | 3                               | 1         | 3.00               | PS          |                  |             | 12.77                        | 325.84                  |                          |                     |  |  |  |  |  |  |  |  |
| O0327       | 14.02 | 45       | 31          | 26.57                | 7.00              | 19.70                 | 15.50              | 18.48               | 25.50            | 2.10                | 1.33                 | 0.46               | 1.50            | 41.00            | 49.50                         | 2                           | 32                   | 4            | 3                               | 1         | 4.44               | PS          |                  |             | 14.02                        | 574.82                  |                          |                     |  |  |  |  |  |  |  |  |
| pp377*      | 1.34  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0                    | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 1.34                    | 0.00                     |                     |  |  |  |  |  |  |  |  |
| pp379*      | 1.63  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0                    | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 1.63                    | 0.00                     |                     |  |  |  |  |  |  |  |  |
| 266.10      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |                      |              |                                 |           |                    | 0.00        | 0.00             | 0.00        | 0.00                         | 0.00                    | 266.10                   | 7,752.48            |  |  |  |  |  |  |  |  |

| REMOVALS       |             |                |                                                             |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |  |
|----------------|-------------|----------------|-------------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                                | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |  |  |  |  |
| O0306          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 8.00                             | 236.00                      |  |  |  |  |  |  |  |  |  |  |
| O0313          | 2009        | 69742          | Support Staging Area                                        |                          |                     |                                      |                                 | 1.53                             | 45.90                       |  |  |  |  |  |  |  |  |  |  |
| O0314          | 2009        | 69742          | Support Staging Area                                        |                          |                     |                                      |                                 | 2.18                             | 67.58                       |  |  |  |  |  |  |  |  |  |  |
| O0314          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 9.30                             | 288.30                      |  |  |  |  |  |  |  |  |  |  |
| O0315          | 2009        | 69742          | Northern Training Area Infrastructure-Construct Tank Trails |                          |                     |                                      |                                 | 2.54                             | 96.52                       |  |  |  |  |  |  |  |  |  |  |
| O0320          | 2009        | 69742          | Northern Training Area Infrastructure-Construct Tank Trails |                          |                     |                                      |                                 | 2.40                             | 85.70                       |  |  |  |  |  |  |  |  |  |  |
| O0326          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 4.69                             | 119.60                      |  |  |  |  |  |  |  |  |  |  |
| O0327          | 2009        | 69742          | Northern Training Area Infrastructure-Upgrade Tank Trails   |                          |                     |                                      |                                 | 4.39                             | 179.99                      |  |  |  |  |  |  |  |  |  |  |
| TOTAL REMOVALS |             |                |                                                             | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 35.03                            | 1,119.59                    |  |  |  |  |  |  |  |  |  |  |

| POST-PROJECT                 |               | 2009            |  |
|------------------------------|---------------|-----------------|--|
|                              | Acres         | BA              |  |
| Suitable Habitat             | 0.00          | 0.00            |  |
| Potentially Suitable Habitat | 0.00          | 0.00            |  |
| Future Potential Habitat     | <b>231.07</b> | <b>6,632.89</b> |  |
| <b>TOTAL</b>                 | <b>231.07</b> | <b>6,632.89</b> |  |

| Key:                                                                                 |                                  |                          |
|--------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| BA= basal area                                                                       | Type Burn:                       | Suitability              |
| dbh= diameter at breast height                                                       | 0= no data available             | CS= currently suitable   |
| hwd= hardwood                                                                        | 1= non-growing season            | PS= potentially suitable |
| hgc= herbaceous ground cover                                                         | 2= growing season                | NH= non-habitat          |
| Hardwood Midstory:                                                                   | Forest Type:                     |                          |
| 1 = low, sparse                                                                      | 10 = Yellow Pine-Upland Hardwood |                          |
| 2 = low, moderate                                                                    | 21 = Longleaf Pine               |                          |
| 3 = low, dense                                                                       | 22P = Longleaf Pine Plantation   |                          |
| 4 = medium, sparse                                                                   | 23P = Slash Pine Plantation      |                          |
| 5 = tall, sparse                                                                     | 26 = Mixed Pine-Longleaf         |                          |
| 6 = medium, moderate                                                                 | 31 = Loblolly Pine               |                          |
| 7 = tall, moderate                                                                   |                                  |                          |
| 8 = medium, dense                                                                    |                                  |                          |
| 9 = tall, dense                                                                      |                                  |                          |
| *Note: No pine data was collected for pine plantation stands less than 30 years old. |                                  |                          |

Appendix Table H-207. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-07, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0303       | 4.13  | 94       | 21          | 14.69                | 4.50              | 12.74                 | 9.50               | 16.77               | 26.50            | 10.95               | 0.00                 | 0.00               | 0.00            | 36.00            | 40.50                         | 1                            | 35      | 0            | 3                               | 1         | 1                  |                  | 4.13        | 148.68                       |                         |                          |                     |
| O0306       | 0.10  | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                            | 30      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0307       | 52.26 | 43       | 31          | 37.70                | 10.50             | 40.11                 | 29.00              | 14.93               | 19.50            | 0.00                | 0.00                 | 0.69               | 1.00            | 48.50            | 60.00                         | 1                            | 35      | 1            | 3                               | 1         | 1                  | 52.26            | 2,534.61    |                              |                         | 12.40                    | 248.00              |
| O0308       | 12.40 | 43       | 22P         | 11.13                | 3.50              | 20.00                 | 14.00              | 5.09                | 6.00             | 16.52               | 1.78                 | 0.45               | 1.50            | 20.00            | 25.00                         | 1                            | 36      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 1.14                     | 19.38               |
| O0312       | 1.14  | 41       | 22P         | 114.62               | 33.00             | 19.44                 | 13.00              | 2.79                | 4.00             | 6.36                | 1.65                 | 0.95               | 2.50            | 17.00            | 52.50                         | 2                            | 26      | 10           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O0313       | 11.64 | 55       | 10          | 19.35                | 7.00              | 17.52                 | 12.00              | 12.88               | 18.00            | 24.43               | 8.31                 | 1.62               | 8.00            | 30.00            | 45.00                         | 1                            | 23      | 25           | 3                               | 1         | 1                  | 11.64            | 349.20      |                              |                         |                          |                     |
| O0314       | 13.70 | 42       | 22P         | 25.52                | 9.50              | 29.95                 | 20.50              | 8.34                | 10.50            | 3.91                | 0.00                 | 0.28               | 0.50            | 31.00            | 41.00                         | 1                            | 32      | 1            | 3                               | 1         | 1                  | 13.70            | 424.70      |                              |                         |                          |                     |
| O0401       | 0.44  | 39       | 26          | 27.42                | 7.50              | 18.00                 | 12.50              | 8.02                | 10.50            | 8.69                | 2.60                 | 0.26               | 2.50            | 23.00            | 33.00                         | 1                            | 26      | 10           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.44                     | 10.12               |
| O0403       | 3.02  | 64       | 21          | 10.93                | 3.00              | 10.11                 | 7.50               | 5.44                | 8.00             | 9.52                | 5.75                 | 2.32               | 6.50            | 15.50            | 25.00                         | 5                            | 30      | 34           | 3                               | 1         | 0                  |                  |             |                              |                         | 3.02                     | 46.81               |
| O0404       | 10.16 | 43       | 22P         | 52.45                | 14.50             | 18.41                 | 12.50              | 4.22                | 5.50             | 3.27                | 2.16                 | 0.00               | 1.50            | 18.00            | 34.00                         | 1                            | 24      | 9            | 3                               | 1         | 0                  |                  |             |                              |                         | 10.16                    | 182.88              |
| O0534       | 7.19  | 55       | 21          | 37.49                | 10.00             | 23.10                 | 16.50              | 14.04               | 19.50            | 1.30                | 2.14                 | 0.41               | 2.00            | 36.00            | 48.00                         | 1                            | 30      | 6            | 3                               | 1         | 1                  | 7.19             | 258.84      |                              |                         |                          |                     |
| O0537       | 25.06 | 53       | 21          | 19.39                | 5.50              | 23.85                 | 17.50              | 15.40               | 20.00            | 4.88                | 0.00                 | 1.27               | 2.00            | 37.50            | 45.00                         | 1                            | 31      | 3            | 3                               | 1         | 1                  | 25.06            | 939.75      |                              |                         |                          |                     |
| O0538       | 8.40  | 53       | 31          | 38.18                | 12.50             | 64.35                 | 46.25              | 4.60                | 5.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 51.25            | 63.75                         | 2                            | 16      | 0            | 3                               | 1         | 1                  | 8.40             | 430.50      |                              |                         |                          |                     |
| pp337*      | 1.68  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.68                     | 0.00                |
| pp374*      | 0.02  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.02                     | 0.00                |
| pp375*      | 2.51  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.51                     | 0.00                |
| pp376*      | 1.21  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.21                     | 0.00                |
| pp460*      | 23.43 | 14       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 23.43                    | 0.00                |
| 178.49      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 122.38           | 5,086.28    | 0.00                         | 0.00                    | 56.01                    | 507.19              |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0307          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 3.94                     | 191.09              |                                      |                                 |                                  |                             |
| O0314          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.59                     | 80.29               |                                      |                                 |                                  |                             |
| O0534          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 1.00                     | 36.00               |                                      |                                 |                                  |                             |
| O0537          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 2.89                     | 108.38              |                                      |                                 |                                  |                             |
| pp337*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.37                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              | 10.42                    | 415.76              | 0.00                                 | 0.00                            | 0.37                             | 0.00                        |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2010   |          |
| Suitable Habitat             | Acres  | BA       |
| Potentially Suitable Habitat | 111.96 | 4,670.52 |
| Future Potential Habitat     | 0.00   | 0.00     |
| TOTAL                        | 55.64  | 507.19   |
|                              | 167.60 | 5,177.71 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
22P = Slash Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-208. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **003-07, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0303       | 4.13  | 94       | 21          | 14.69                | 4.50              | 12.74                 | 9.50               | 16.77               | 26.50            | 10.95               | 0.00                 | 0.00               | 0.00            | 36.00            | 40.50                         | 1                           | 35      | 0            | 3                               | 1         | 4.54               | PS          |                  |             | 4.13                         | 148.68                  |                          |                     |
| O0306       | 0.10  | 47       | 22P         | 43.22                | 14.50             | 24.51                 | 17.00              | 9.91                | 12.50            | 5.94                | 0.00                 | 0.00               | 0.00            | 29.50            | 44.00                         | 5                           | 30      | 0            | 3                               | 1         | 3.48               | PS          |                  |             | 0.00                         | 0.00                    | 0.00                     | 0.00                |
| O0307       | 52.26 | 43       | 31          | 37.70                | 10.50             | 40.11                 | 29.00              | 14.93               | 19.50            | 0.00                | 0.00                 | 0.69               | 1.00            | 48.50            | 60.00                         | 1                           | 35      | 1            | 3                               | 1         | 4.11               | PS          |                  |             | 52.26                        | 2,534.61                |                          |                     |
| O0308       | 12.40 | 43       | 22P         | 11.13                | 3.50              | 20.00                 | 14.00              | 5.09                | 6.00             | 16.52               | 1.78                 | 0.45               | 1.50            | 20.00            | 25.00                         | 1                           | 36      | 8            | 3                               | 1         | 3.44               | PS          |                  |             | 12.40                        | 248.00                  |                          |                     |
| O0312       | 1.14  | 41       | 22P         | 114.62               | 33.00             | 19.44                 | 13.00              | 2.79                | 4.00             | 6.36                | 1.65                 | 0.95               | 2.50            | 17.00            | 52.50                         | 2                           | 26      | 10           | 3                               | 1         | 2.79               | PS          |                  |             | 1.14                         | 19.38                   |                          |                     |
| O0313       | 11.64 | 55       | 10          | 19.35                | 7.00              | 17.52                 | 12.00              | 12.88               | 18.00            | 24.43               | 8.31                 | 1.62               | 8.00            | 30.00            | 45.00                         | 1                           | 23      | 25           | 3                               | 1         | 3.77               | PS          |                  |             | 11.64                        | 349.20                  |                          |                     |
| O0314       | 13.70 | 42       | 22P         | 25.52                | 9.50              | 29.95                 | 20.50              | 8.34                | 10.50            | 3.91                | 0.00                 | 0.28               | 0.50            | 31.00            | 41.00                         | 1                           | 32      | 1            | 3                               | 1         | 3.62               | PS          |                  |             | 13.70                        | 424.70                  |                          |                     |
| O0401       | 0.44  | 39       | 26          | 27.42                | 7.50              | 18.00                 | 12.50              | 8.02                | 10.50            | 8.69                | 2.60                 | 0.26               | 2.50            | 23.00            | 33.00                         | 1                           | 26      | 10           | 3                               | 1         | 3.32               | PS          |                  |             | 0.44                         | 10.12                   |                          |                     |
| O0403       | 3.02  | 64       | 21          | 10.93                | 3.00              | 10.11                 | 7.50               | 5.44                | 8.00             | 9.52                | 5.75                 | 2.32               | 6.50            | 15.50            | 25.00                         | 5                           | 30      | 34           | 3                               | 1         | 3.09               | PS          |                  |             | 3.02                         | 46.81                   |                          |                     |
| O0404       | 10.16 | 43       | 22P         | 52.45                | 14.50             | 18.41                 | 12.50              | 4.22                | 5.50             | 3.27                | 2.16                 | 0.00               | 1.50            | 18.00            | 34.00                         | 1                           | 24      | 9            | 3                               | 1         | 3.06               | PS          |                  |             | 10.16                        | 182.88                  |                          |                     |
| O0534       | 7.19  | 55       | 21          | 37.49                | 10.00             | 23.10                 | 16.50              | 14.04               | 19.50            | 1.30                | 2.14                 | 0.41               | 2.00            | 36.00            | 48.00                         | 1                           | 30      | 6            | 3                               | 1         | 4.20               | PS          |                  |             | 7.19                         | 258.84                  |                          |                     |
| O0537       | 25.06 | 53       | 21          | 19.39                | 5.50              | 23.85                 | 17.50              | 15.40               | 20.00            | 4.88                | 0.00                 | 1.27               | 2.00            | 37.50            | 45.00                         | 1                           | 31      | 3            | 3                               | 1         | 4.41               | PS          |                  |             | 25.06                        | 939.75                  |                          |                     |
| O0538       | 8.40  | 53       | 21          | 38.18                | 12.50             | 64.35                 | 46.25              | 4.60                | 5.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 51.25            | 63.75                         | 2                           | 16      | 0            | 3                               | 1         | 3.24               | PS          |                  |             | 8.40                         | 430.56                  |                          |                     |
| pp337*      | 1.68  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             | 1.68                         | 0.00                    |                          |                     |
| pp374*      | 0.02  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             | 0.02                         | 0.00                    |                          |                     |
| pp375*      | 2.51  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             | 2.51                         | 0.00                    |                          |                     |
| pp376*      | 1.21  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             | 1.21                         | 0.00                    |                          |                     |
| pp460*      | 23.43 | 14       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             | 23.43                        | 0.00                    |                          |                     |
| 178.49      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 178.39                   | 5,593.47            |

| REMOVALS       |             |                |                                              |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|----------------------------------------------|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| O0307          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |                          |                     |                                      |                                 | 3.94                             | 191.09                      |
| O0314          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |                          |                     |                                      |                                 | 2.59                             | 80.29                       |
| O0534          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |                          |                     |                                      |                                 | 1.00                             | 36.00                       |
| O0537          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |                          |                     |                                      |                                 | 2.89                             | 108.38                      |
| pp337*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |                          |                     |                                      |                                 | 0.37                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              |  |  |  | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 10.79                            | 415.76                      |

| POST-PROJECT                 |        |          | 2010 |
|------------------------------|--------|----------|------|
|                              | Acres  | BA       |      |
| Suitable Habitat             | 0.00   | 0.00     |      |
| Potentially Suitable Habitat | 0.00   | 0.00     |      |
| Future Potential Habitat     | 167.60 | 5,177.71 |      |
| TOTAL                        | 167.60 | 5,177.71 |      |

|                                                                                                                                                                              |                                  |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| Key:                                                                                                                                                                         | Type Burn:                       | Suitability              |
| BA= basal area                                                                                                                                                               | 0= no data available             | CS= currently suitable   |
| dbh= diameter at breast height                                                                                                                                               | 1= non-growing season            | PS= potentially suitable |
| hwd= hardwood                                                                                                                                                                | 2= growing season                | NH= non-habitat          |
| hgc= herbaceous ground cover                                                                                                                                                 |                                  |                          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                     |                          |
| 1 = low, sparse                                                                                                                                                              | 10 = Yellow Pine-Upland Hardwood |                          |
| 2 = low, moderate                                                                                                                                                            | 21 = Longleaf Pine               |                          |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation   |                          |
| 4 = medium, sparse                                                                                                                                                           | 22P = Slash Pine Plantation      |                          |
| 5 = tall, sparse                                                                                                                                                             | 26 = Mixed Pine-Longleaf         |                          |
| 6 = medium, moderate                                                                                                                                                         | 31 = Loblolly Pine               |                          |
| 7 = tall, moderate                                                                                                                                                           |                                  |                          |
| 8 = medium, dense                                                                                                                                                            |                                  |                          |
| 9 = tall, dense                                                                                                                                                              |                                  |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                  |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                  |                          |

Appendix Table H-209. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O04-01 Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

PRE-PROJECT

| Stand  | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd BA 4-10" dbh | Hwd Stems >14" dbh | Hwd BA >14" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| O0406  | 11.34 | 42       | 31          | 26.17                | 9.00              | 23.00                 | 16.50              | 8.93                | 12.00            | 4.60                | 0.99             | 0.89               | 1.50            | 28.50            | 39.00                         | 1                            | 29      | 6            | 3                               | 1         | 0                  |                  |             |                              |                         | 11.34                    | 323.19              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0409  | 0.97  | 42       | 26          | 22.84                | 7.50              | 17.97                 | 13.00              | 6.54                | 8.50             | 2.34                | 1.64             | 1.63               | 3.50            | 21.50            | 32.50                         | 1                            | 29      | 12           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0411  | 27.89 | 95       | 26          | 12.91                | 3.50              | 5.90                  | 4.50               | 11.30               | 17.00            | 9.70                | 3.03             | 0.72               | 3.00            | 21.50            | 28.00                         | 5                            | 21      | 18           | 3                               | 1         | 0                  |                  |             |                              |                         | 27.89                    | 599.64              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0413  | 17.47 | 80       | 31          | 1.13                 | 0.50              | 1.68                  | 1.00               | 15.33               | 25.50            | 25.60               | 4.59             | 2.20               | 6.50            | 26.50            | 33.50                         | 1                            | 24      | 29           | 3                               | 1         | 0                  |                  |             |                              |                         | 17.47                    | 462.96              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0417  | 24.60 | 49       | 21          | 26.93                | 6.50              | 15.45                 | 11.00              | 11.58               | 17.00            | 11.69               | 0.00             | 1.63               | 2.00            | 28.00            | 36.50                         | 5                            | 24      | 6            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0419  | 13.78 | 44       | 31          | 6.31                 | 2.50              | 12.62                 | 10.00              | 12.02               | 18.50            | 3.59                | 1.23             | 1.18               | 3.00            | 28.50            | 34.00                         | 1                            | 31      | 9            | 3                               | 1         | 0                  |                  |             |                              |                         | 13.78                    | 392.73              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0421  | 3.49  | 63       | 21          | 23.69                | 5.71              | 17.07                 | 12.38              | 14.24               | 21.43            | 0.00                | 0.00             | 0.46               | 0.48            | 33.81            | 40.00                         | 1                            | 36      | 1            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp150* | 0.46  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00             | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.46                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp335* | 1.04  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00             | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp336* | 2.23  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00             | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.23                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 103.27 |       |          |             |                      |                   |                       |                    |                     |                  |                     |                  |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-210. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O04-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0406       | 11.34 | 42       | 31          | 26.17                | 9.00               | 23.00                  | 16.50              | 8.93                | 12.00            | 4.60                 | 0.99                  | 0.89                | 1.50             | 28.50             | 39.00                         | 1                            | 29      | 6            | 3                               | 1         | 3.35               | PS          |                  |             |                              |                         | 11.34                    | 323.19              |
| O0409       | 0.97  | 42       | 26          | 22.84                | 7.50               | 17.97                  | 13.00              | 6.54                | 8.50             | 2.34                 | 1.64                  | 1.63                | 3.50             | 21.50             | 32.50                         | 1                            | 29      | 12           | 3                               | 1         | 3.27               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0411       | 27.89 | 95       | 26          | 12.91                | 3.50               | 5.90                   | 4.50               | 11.30               | 17.00            | 9.70                 | 3.03                  | 0.72                | 3.00             | 21.50             | 28.00                         | 5                            | 21      | 18           | 3                               | 1         | 3.70               | PS          |                  |             |                              |                         | 27.89                    | 599.64              |
| O0413       | 17.47 | 80       | 31          | 1.13                 | 0.50               | 1.68                   | 1.00               | 15.33               | 25.50            | 25.60                | 4.59                  | 2.20                | 6.50             | 26.50             | 33.50                         | 1                            | 24      | 29           | 3                               | 1         | 4.15               | PS          |                  |             |                              |                         | 17.47                    | 462.96              |
| O0417       | 24.60 | 49       | 21          | 26.93                | 6.50               | 15.45                  | 11.00              | 11.58               | 17.00            | 11.69                | 0.00                  | 1.63                | 2.00             | 28.00             | 36.50                         | 5                            | 24      | 6            | 3                               | 1         | 3.57               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0419       | 13.78 | 44       | 31          | 6.31                 | 2.50               | 12.62                  | 10.00              | 12.02               | 18.50            | 3.59                 | 1.23                  | 1.18                | 3.00             | 28.50             | 34.00                         | 1                            | 31      | 9            | 3                               | 1         | 3.92               | PS          |                  |             |                              |                         | 13.78                    | 392.73              |
| O0421       | 3.49  | 63       | 21          | 23.69                | 5.71               | 17.07                  | 12.38              | 14.24               | 21.43            | 0.00                 | 0.00                  | 0.46                | 0.48             | 33.81             | 40.00                         | 1                            | 36      | 1            | 3                               | 1         | 4.53               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp150*      | 0.46  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.46                     | 0.00                |
| pp335*      | 1.04  | 11       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp336*      | 2.23  | 11       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.23                     | 0.00                |
| 103.27      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 73.17                    | 1,778.52            |

| REMOVALS              |             |                |                                              |             |                     |                 | Suitable Acreage | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential |
|-----------------------|-------------|----------------|----------------------------------------------|-------------|---------------------|-----------------|------------------|----------------------|-------------------------|------------------|------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                                 | Removal     | Suitable BA Removed | Acreage Removed | Removed          | Removed              | Removed                 | Acreage Removed  | BA Removed       |
| O0411                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |             |                     |                 |                  |                      |                         | 5.65             | 121.48           |
| O0413                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |             |                     |                 |                  |                      |                         | 3.95             | 104.68           |
| O0419                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |             |                     |                 |                  |                      |                         | 4.55             | 129.68           |
| pp150*                | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |             |                     |                 |                  |                      |                         | 0.20             | 0.00             |
| pp336*                | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |             |                     |                 |                  |                      |                         | 0.32             | 0.00             |
| <b>TOTAL REMOVALS</b> |             |                |                                              | <b>0.00</b> | <b>0.00</b>         | <b>0.00</b>     | <b>0.00</b>      | <b>0.00</b>          | <b>0.00</b>             | <b>14.67</b>     | <b>355.84</b>    |

| POST-PROJECT                 |              |                 | 2009 |
|------------------------------|--------------|-----------------|------|
| Suitable Habitat             | Acres        | BA              |      |
| Potentially Suitable Habitat | 0.00         | 0.00            |      |
| Future Potential Habitat     | 58.50        | 1,422.68        |      |
| <b>TOTAL</b>                 | <b>58.50</b> | <b>1,422.68</b> |      |

| Key:                                                                                                                                                                         |                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn:                     | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0= no data available           | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1= non-growing season          | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2= growing season              | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |                          |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf       |                          |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse                                                                                                                                                             |                                |                          |
| 6 = medium, moderate                                                                                                                                                         |                                |                          |
| 7 = tall, moderate                                                                                                                                                           |                                |                          |
| 8 = medium, dense                                                                                                                                                            |                                |                          |
| 9 = tall, dense                                                                                                                                                              |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |                          |

Appendix Table H-211. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O04-03, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT                                                                                                                                                                  |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------------------|-----------------------|--------------------|--------------------------------------|------------------|---------------------------------|-----------------------|----------------------------------|-----------------|-----------------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|--------------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand                                                                                                                                                                        | Acres       | Pine Age       | Forest Type                                  | Pine Stems 4-10" dbh     | Pine BA 4-10" dbh               | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh                  | Pine BA >14" dbh | Hwd. Stems 4-10" dbh            | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh              | Hwd BA >10" dbh | Pine BA >10" dbh            | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type    | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0401                                                                                                                                                                        | 12.36       | 39             | 26                                           | 27.42                    | 7.50                            | 18.00                 | 12.50              | 8.02                                 | 10.50            | 8.69                            | 2.60                  | 0.26                             | 2.50            | 23.00                       | 33.00                         | 1                            | 26      | 10           | 3                               | 1            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0403                                                                                                                                                                        | 15.15       | 64             | 21                                           | 10.93                    | 3.00                            | 10.11                 | 7.50               | 5.44                                 | 8.00             | 9.52                            | 5.75                  | 2.32                             | 6.50            | 15.50                       | 25.00                         | 5                            | 30      | 34           | 3                               | 1            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0404                                                                                                                                                                        | 2.45        | 43             | 22P                                          | 52.45                    | 14.50                           | 18.41                 | 12.50              | 4.22                                 | 5.50             | 3.27                            | 2.16                  | 0.00                             | 1.50            | 18.00                       | 34.00                         | 1                            | 24      | 9            | 3                               | 1            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0405                                                                                                                                                                        | 36.55       | 50             | 21                                           | 35.86                    | 10.00                           | 11.71                 | 8.24               | 6.14                                 | 8.82             | 11.69                           | 5.05                  | 0.00                             | 3.53            | 17.06                       | 30.59                         | 5                            | 38      | 22           | 3                               | 1            | 0                  |                  |             |                              |                         | 36.55                    | 623.54              |
| O0406                                                                                                                                                                        | 23.26       | 42             | 31                                           | 26.17                    | 9.00                            | 23.00                 | 16.50              | 8.93                                 | 12.00            | 4.60                            | 0.99                  | 0.89                             | 1.50            | 28.50                       | 39.00                         | 1                            | 29      | 6            | 3                               | 1            | 0                  |                  |             |                              |                         | 23.26                    | 662.91              |
| O0411                                                                                                                                                                        | 15.88       | 95             | 26                                           | 12.91                    | 3.50                            | 5.90                  | 4.50               | 11.30                                | 17.00            | 9.70                            | 3.03                  | 0.72                             | 3.00            | 21.50                       | 28.00                         | 5                            | 21      | 18           | 3                               | 1            | 0                  |                  |             |                              |                         | 15.88                    | 341.42              |
| O0417                                                                                                                                                                        | 2.92        | 49             | 21                                           | 26.93                    | 6.50                            | 15.45                 | 11.00              | 11.58                                | 17.00            | 11.69                           | 0.00                  | 1.63                             | 2.00            | 28.00                       | 36.50                         | 5                            | 24      | 6            | 3                               | 1            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0539                                                                                                                                                                        | 1.03        | 43             | 21                                           | 29.39                    | 9.00                            | 15.43                 | 11.50              | 13.62                                | 19.50            | 13.46                           | 5.50                  | 0.95                             | 5.00            | 31.00                       | 45.00                         | 1                            | 28      | 18           | 3                               | 1            | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O0541                                                                                                                                                                        | 15.43       | 49             | 31                                           | 65.91                    | 16.50                           | 19.50                 | 13.50              | 9.18                                 | 14.00            | 8.61                            | 3.40                  | 0.00                             | 2.00            | 27.50                       | 46.00                         | 1                            | 24      | 11           | 3                               | 1            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp460*                                                                                                                                                                       | 2.19        | 14             | 21P                                          | 0.00                     | 0.00                            | 0.00                  | 0.00               | 0.00                                 | 0.00             | 0.00                            | 0.00                  | 0.00                             | 0.00            | 0.00                        | 0.00                          | 0                            | 0       | 0            | 0                               | 0            | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| 127.22                                                                                                                                                                       |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    | 0.00             | 0.00        | 0.00                         | 0.00                    | 75.69                    | 1,627.87            |
| REMOVALS                                                                                                                                                                     |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Stand                                                                                                                                                                        | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed |                                 | Suitable BA Removed   |                    | Potentially Suitable Acreage Removed |                  | Potentially Suitable BA Removed |                       | Future Potential Acreage Removed |                 | Future Potential BA Removed |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| O0411                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                                 |                       |                    |                                      |                  |                                 |                       | 2.21                             |                 | 47.52                       |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| TOTAL REMOVALS                                                                                                                                                               |             |                |                                              | 0.00                     |                                 | 0.00                  |                    | 0.00                                 |                  | 0.00                            |                       | 2.21                             |                 | 47.52                       |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| POST-PROJECT                                                                                                                                                                 |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                              | 2010                     |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                              | Acres                    | BA                              |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Suitable Habitat                                                                                                                                                             |             |                |                                              | 0.00                     | 0.00 <th colspan="20"></th>     |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Potentially Suitable Habitat                                                                                                                                                 |             |                |                                              | 0.00                     | 0.00 <th colspan="20"></th>     |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Future Potential Habitat                                                                                                                                                     |             |                |                                              | 73.48                    | 1,580.35 <th colspan="20"></th> |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| TOTAL                                                                                                                                                                        |             |                |                                              | 73.48                    | 1,580.35 <th colspan="20"></th> |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Key:                                                                                                                                                                         |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| BA = basal area                                                                                                                                                              |             |                |                                              |                          |                                 |                       |                    |                                      |                  | Type Burn:                      |                       |                                  |                 |                             |                               |                              |         |              |                                 | Stand Score  |                    |                  |             |                              |                         |                          |                     |
| dbh = diameter at breast height                                                                                                                                              |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 0= no data available            |                       |                                  |                 |                             |                               |                              |         |              |                                 | 0=Unsuitable |                    |                  |             |                              |                         |                          |                     |
| hwd = hardwood                                                                                                                                                               |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 1= non-growing season           |                       |                                  |                 |                             |                               |                              |         |              |                                 | 1=Suitable   |                    |                  |             |                              |                         |                          |                     |
| hgc = herbaceous ground cover                                                                                                                                                |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 2= growing season               |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Hardwood Midstory:                                                                                                                                                           |             |                |                                              |                          |                                 |                       |                    |                                      |                  | Forest Type:                    |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 1 = low, sparse                                                                                                                                                              |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 21 = Longleaf Pine              |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 2 = low, moderate                                                                                                                                                            |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 21P = Longleaf Pine Plantation  |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 3 = low, dense                                                                                                                                                               |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 22P = Slash Pine Plantation     |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 4 = medium, sparse                                                                                                                                                           |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 26 = Mixed Pine-Longleaf        |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 5 = tall, sparse                                                                                                                                                             |             |                |                                              |                          |                                 |                       |                    |                                      |                  | 31 = Loblolly Pine              |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 6 = medium, moderate                                                                                                                                                         |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 7 = tall, moderate                                                                                                                                                           |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 8 = medium, dense                                                                                                                                                            |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| 9 = tall, dense                                                                                                                                                              |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |             |                |                                              |                          |                                 |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                              |         |              |                                 |              |                    |                  |             |                              |                         |                          |                     |

Appendix Table H-212. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O04-03a, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0401       | 12.36 | 39       | 26          | 27.42                | 7.50              | 18.00                 | 12.50              | 8.02                | 10.50            | 8.69                | 2.60                 | 0.26               | 2.50            | 23.00            | 33.00                         | 1                            | 26      | 10           | 3                               | 1         | 3.32               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0403       | 15.15 | 64       | 21          | 10.93                | 3.00              | 10.11                 | 7.50               | 5.44                | 8.00             | 9.52                | 5.75                 | 2.32               | 6.50            | 15.50            | 25.00                         | 5                            | 30      | 34           | 3                               | 1         | 3.09               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0404       | 2.45  | 43       | 22P         | 52.45                | 14.50             | 18.41                 | 12.50              | 4.22                | 5.50             | 3.27                | 2.16                 | 0.00               | 1.50            | 18.00            | 34.00                         | 1                            | 24      | 9            | 3                               | 1         | 3.06               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0405       | 36.55 | 50       | 21          | 35.86                | 10.00             | 11.71                 | 8.24               | 6.14                | 8.82             | 11.69               | 5.05                 | 0.00               | 3.53            | 17.06            | 30.59                         | 5                            | 38      | 22           | 3                               | 1         | 3.11               | PS          |                  |             |                              |                         | 36.55                    | 623.54              |
| O0406       | 23.26 | 42       | 31          | 26.17                | 9.00              | 23.00                 | 16.50              | 8.93                | 12.00            | 4.60                | 0.99                 | 0.89               | 1.50            | 28.50            | 39.00                         | 1                            | 29      | 6            | 3                               | 1         | 3.35               | PS          |                  |             |                              |                         | 23.26                    | 662.91              |
| O0411       | 15.88 | 95       | 26          | 12.91                | 3.50              | 5.90                  | 4.50               | 11.30               | 17.00            | 9.70                | 3.03                 | 0.72               | 3.00            | 21.50            | 28.00                         | 5                            | 21      | 19           | 3                               | 1         | 3.70               | PS          |                  |             |                              |                         | 15.88                    | 341.42              |
| O0417       | 2.92  | 49       | 21          | 26.93                | 6.50              | 15.45                 | 11.00              | 11.58               | 17.00            | 11.69               | 0.00                 | 1.63               | 2.00            | 28.00            | 36.50                         | 5                            | 24      | 6            | 3                               | 1         | 3.57               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0539       | 1.03  | 43       | 21          | 29.39                | 9.00              | 15.43                 | 11.50              | 13.62               | 19.50            | 13.46               | 5.50                 | 0.95               | 5.00            | 31.00            | 45.00                         | 1                            | 28      | 18           | 3                               | 1         | 3.82               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0541       | 15.43 | 49       | 31          | 65.91                | 16.50             | 19.50                 | 13.50              | 9.18                | 14.00            | 8.61                | 3.40                 | 0.00               | 2.00            | 27.50            | 46.00                         | 1                            | 24      | 11           | 3                               | 1         | 3.52               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp460*      | 2.19  | 14       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| 127.22      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 0.00        | 0.00             | 0.00        | 0.00                         | 75.69                   | 1,627.87                 |                     |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0411          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.21                             | 47.52                       |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 2.21                             | 47.52                       |

| POST-PROJECT                 |       |         | 2010 |      |
|------------------------------|-------|---------|------|------|
| Suitable Habitat             | Acres | BA      | 0.00 | 0.00 |
| Potentially Suitable Habitat | 0.00  | 0.00    |      |      |
| Future Potential Habitat     | 73.48 | 1580.35 |      |      |
| TOTAL                        | 73.48 | 1580.35 |      |      |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
22P = Slash Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-213. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O04-03f, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT                                                                                                                                                                  |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------------|----------------------|---------------------------------|--------------------------------------|--------------------|-------------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand                                                                                                                                                                        | Acres       | Pine Age       | Forest Type                                  | Pine Stems 4 10" dbh | Pine BA 4 10" dbh               | Pine Stems 10-14" dbh                | Pine BA 10-14" dbh | Pine stems >14" dbh     | Pine BA >14" dbh | Hwd. Stems 4 10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0313                                                                                                                                                                        | 0.16        | 55             | 10                                           | 19.35                | 7.00                            | 17.52                                | 12.00              | 12.88                   | 18.00            | 24.43                | 8.31                  | 1.62                | 8.00            | 30.00            | 45.00                         | 1                            | 23      | 25           | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O0314                                                                                                                                                                        | 22.33       | 42             | 22P                                          | 25.52                | 9.50                            | 29.95                                | 20.50              | 8.34                    | 10.50            | 3.91                 | 0.00                  | 0.28                | 0.50            | 31.00            | 41.00                         | 1                            | 32      | 1            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O0325                                                                                                                                                                        | 0.98        | 0              | 26P                                          | 156.28               | 50.00                           | 17.97                                | 10.00              | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 10.00            | 60.00                         | 5                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.98                     | 9.80                |
| O0403                                                                                                                                                                        | 10.04       | 64             | 21                                           | 10.93                | 3.00                            | 10.11                                | 7.50               | 5.44                    | 8.00             | 9.52                 | 5.75                  | 2.32                | 6.50            | 15.50            | 25.00                         | 5                            | 30      | 34           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0404                                                                                                                                                                        | 14.42       | 43             | 22P                                          | 52.45                | 14.50                           | 18.41                                | 12.50              | 4.22                    | 5.50             | 3.27                 | 2.16                  | 0.00                | 1.50            | 18.00            | 34.00                         | 1                            | 24      | 9            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0405                                                                                                                                                                        | 11.13       | 50             | 21                                           | 35.86                | 10.00                           | 11.71                                | 8.24               | 6.14                    | 8.82             | 11.69                | 5.05                  | 0.00                | 3.53            | 17.06            | 30.59                         | 5                            | 38      | 22           | 3                               | 1         | 0                  |                  |             |                              |                         | 11.13                    | 189.88              |
| O0409                                                                                                                                                                        | 14.47       | 42             | 26                                           | 22.84                | 7.50                            | 17.97                                | 13.00              | 6.54                    | 8.50             | 2.34                 | 1.64                  | 1.63                | 3.50            | 21.50            | 32.50                         | 1                            | 29      | 12           | 3                               | 1         | 0                  |                  |             |                              |                         | 14.47                    | 311.11              |
| O0410                                                                                                                                                                        | 13.35       | 84             | 21                                           | 5.96                 | 1.50                            | 9.16                                 | 7.00               | 24.45                   | 40.00            | 5.53                 | 0.66                  | 1.68                | 3.00            | 47.00            | 51.50                         | 1                            | 21      | 6            | 3                               | 1         | 1                  | 13.35            | 627.45      |                              |                         |                          |                     |
| O0411                                                                                                                                                                        | 2.78        | 95             | 26                                           | 12.91                | 3.50                            | 5.90                                 | 4.50               | 11.30                   | 17.00            | 9.70                 | 3.03                  | 0.72                | 3.00            | 21.50            | 28.00                         | 5                            | 21      | 18           | 3                               | 1         | 0                  |                  |             |                              |                         | 2.78                     | 59.77               |
| O0416                                                                                                                                                                        | 12.83       | 49             | 31                                           | 22.04                | 7.50                            | 40.50                                | 29.50              | 16.25                   | 20.00            | 1.24                 | 5.31                  | 2.28                | 7.00            | 49.50            | 64.00                         | 1                            | 20      | 12           | 3                               | 1         | 1                  | 12.83            | 635.09      |                              |                         |                          |                     |
| O0417                                                                                                                                                                        | 8.21        | 49             | 21                                           | 26.93                | 6.50                            | 15.45                                | 11.00              | 11.58                   | 17.00            | 11.69                | 0.00                  | 1.63                | 2.00            | 28.00            | 36.50                         | 5                            | 24      | 6            | 3                               | 1         | 0                  |                  |             |                              |                         | 8.21                     | 229.88              |
| pp337*                                                                                                                                                                       | 13.85       | 11             | 21P                                          | 0.00                 | 0.00                            | 0.00                                 | 0.00               | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp459*                                                                                                                                                                       | 1.98        | 14             | 21P                                          | 0.00                 | 0.00                            | 0.00                                 | 0.00               | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.98                     | 0.00                |
| pp488*                                                                                                                                                                       | 16.66       | 19             | 21P                                          | 0.00                 | 0.00                            | 0.00                                 | 0.00               | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 16.66                    | 0.00                |
| 143.19                                                                                                                                                                       |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    | 26.18            | 1,262.54    | 0.00                         | 0.00                    | 56.21                    | 800.44              |
| REMOVALS                                                                                                                                                                     |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Stand                                                                                                                                                                        | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage     |                                 | Potentially Suitable                 |                    | Potentially Suitable BA |                  | Future Potential     |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                              | Removed              | Suitable BA Removed             | Acreage Removed                      |                    | Removed                 |                  | Acreage Removed      | Removed               |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| O0325                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                                 |                                      |                    |                         |                  | 0.51                 | 5.10                  |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| O0409                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                                 |                                      |                    |                         |                  | 4.57                 | 98.26                 |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| O0410                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 4.37                 | 205.39                          |                                      |                    |                         |                  | 0.86                 | 18.49                 |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| O0411                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                                 |                                      |                    |                         |                  | 1.21                 | 0.00                  |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| pp459*                                                                                                                                                                       | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                                 |                                      |                    |                         |                  | 7.15                 | 121.85                |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| TOTAL REMOVALS                                                                                                                                                               |             |                |                                              | 4.37                 | 205.39                          | 0.00                                 |                    | 0.00                    |                  | 7.15                 | 121.85                |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| POST-PROJECT                                                                                                                                                                 |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                              | 2010                 |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Suitable Habitat                                                                                                                                                             |             |                |                                              | Acres                | BA                              |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Potentially Suitable Habitat                                                                                                                                                 |             |                |                                              | 21.81                | 1,057.15 <th colspan="20"></th> |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Future Potential Habitat                                                                                                                                                     |             |                |                                              | 0.00                 | 0.00 <th colspan="20"></th>     |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| TOTAL                                                                                                                                                                        |             |                |                                              | 49.06                | 678.59 <th colspan="20"></th>   |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                              | 70.87                | 1,735.74 <th colspan="20"></th> |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Key:                                                                                                                                                                         |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| BA = basal area                                                                                                                                                              |             |                |                                              |                      |                                 | Type Burn:                           |                    |                         |                  |                      |                       | Stand Score         |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| dbh = diameter at breast height                                                                                                                                              |             |                |                                              |                      |                                 | 0= no data available                 |                    |                         |                  |                      |                       | 0=Unsuitable        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| hwd = hardwood                                                                                                                                                               |             |                |                                              |                      |                                 | 1= non-growing season                |                    |                         |                  |                      |                       | 1=Suitable          |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| hgc = herbaceous ground cover                                                                                                                                                |             |                |                                              |                      |                                 | 2= growing season                    |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Hardwood Midstory:                                                                                                                                                           |             |                |                                              |                      |                                 | Forest Type:                         |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 1 = low, sparse                                                                                                                                                              |             |                |                                              |                      |                                 | 10 = Yellow Pine-Upland Hardwood     |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 2 = low, moderate                                                                                                                                                            |             |                |                                              |                      |                                 | 21 = Longleaf Pine                   |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 3 = low, dense                                                                                                                                                               |             |                |                                              |                      |                                 | 21P = Longleaf Pine Plantation       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 4 = medium, sparse                                                                                                                                                           |             |                |                                              |                      |                                 | 22P = Slash Pine Plantation          |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 5 = tall, sparse                                                                                                                                                             |             |                |                                              |                      |                                 | 26 = Mixed Pine-Longleaf             |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 6 = medium, moderate                                                                                                                                                         |             |                |                                              |                      |                                 | 26P = Mixed Pine-Longleaf Plantation |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 7 = tall, moderate                                                                                                                                                           |             |                |                                              |                      |                                 | 31 = Loblolly Pine                   |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 8 = medium, dense                                                                                                                                                            |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 9 = tall, dense                                                                                                                                                              |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |             |                |                                              |                      |                                 |                                      |                    |                         |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |

Appendix Table H-214. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O04-03b, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                        |                    |                     |                  |                      |                       |                     |                 |                   |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|-------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA >10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0313       | 0.16  | 55       | 10          | 19.35                | 7.00              | 17.52                  | 12.00              | 12.88               | 18.00            | 24.43                | 8.31                  | 1.62                | 8.00            | 30.00             | 45.00                         | 1                            | 23      | 25           | 3                               | 1         | 3.77               | PS          |                  |             |                              |                         | 0.16                     | 4.80                |
| O0314       | 22.33 | 42       | 22P         | 25.52                | 9.50              | 29.95                  | 20.50              | 8.34                | 10.50            | 3.91                 | 0.00                  | 0.28                | 0.50            | 31.00             | 41.00                         | 1                            | 32      | 1            | 3                               | 1         | 3.62               | PS          |                  |             |                              |                         | 22.33                    | 692.23              |
| O0325       | 0.98  | 0        | 26P         | 156.28               | 50.00             | 17.97                  | 10.00              | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 10.00             | 60.00                         | 5                            | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |             |                              |                         | 0.98                     | 9.80                |
| O0403       | 10.04 | 64       | 21          | 10.93                | 3.00              | 10.11                  | 7.50               | 5.44                | 8.00             | 9.52                 | 5.75                  | 2.32                | 6.50            | 15.50             | 25.00                         | 5                            | 30      | 34           | 3                               | 1         | 3.09               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0404       | 14.42 | 43       | 22P         | 52.45                | 14.50             | 18.41                  | 12.50              | 4.22                | 8.50             | 3.27                 | 2.16                  | 0.00                | 1.50            | 18.00             | 34.00                         | 1                            | 24      | 9            | 3                               | 1         | 3.06               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0405       | 11.13 | 50       | 21          | 35.86                | 10.00             | 11.71                  | 8.24               | 6.14                | 8.82             | 11.69                | 5.05                  | 0.00                | 3.53            | 17.06             | 30.59                         | 5                            | 38      | 22           | 3                               | 1         | 3.11               | PS          |                  |             |                              |                         | 11.13                    | 189.88              |
| O0409       | 14.47 | 42       | 26          | 22.84                | 7.50              | 17.97                  | 13.00              | 6.54                | 8.50             | 2.34                 | 1.64                  | 1.63                | 3.50            | 21.50             | 32.50                         | 1                            | 29      | 12           | 3                               | 1         | 3.27               | PS          |                  |             |                              |                         | 14.47                    | 311.11              |
| O0410       | 13.35 | 84       | 21          | 5.96                 | 1.50              | 9.16                   | 7.00               | 24.45               | 40.00            | 5.53                 | 0.66                  | 1.68                | 3.00            | 47.00             | 51.50                         | 1                            | 21      | 6            | 3                               | 1         | 4.65               | CS          | 13.35            | 627.45      |                              |                         |                          |                     |
| O0411       | 2.78  | 95       | 26          | 12.91                | 3.50              | 5.90                   | 4.50               | 11.30               | 17.00            | 9.70                 | 3.03                  | 0.72                | 3.00            | 21.50             | 28.00                         | 5                            | 21      | 18           | 3                               | 1         | 3.70               | PS          |                  |             |                              |                         | 2.78                     | 59.77               |
| O0416       | 12.83 | 49       | 31          | 22.04                | 7.50              | 40.50                  | 29.50              | 16.25               | 20.00            | 1.24                 | 5.31                  | 2.28                | 7.00            | 49.50             | 64.00                         | 1                            | 20      | 12           | 3                               | 1         | 4.04               | PS          |                  |             |                              |                         | 12.83                    | 635.09              |
| O0417       | 8.21  | 49       | 21          | 26.93                | 6.50              | 15.45                  | 11.00              | 11.58               | 17.00            | 11.69                | 0.00                  | 1.63                | 2.00            | 28.00             | 36.50                         | 5                            | 24      | 6            | 3                               | 1         | 3.57               | PS          |                  |             |                              |                         | 8.21                     | 229.88              |
| pp337*      | 13.85 | 11       | 21P         | 0.00                 | 0.00              | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 13.85                    | 0.00                |
| pp459*      | 1.98  | 14       | 21P         | 0.00                 | 0.00              | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.98                     | 0.00                |
| pp488*      | 16.66 | 19       | 21P         | 0.00                 | 0.00              | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 16.66                    | 0.00                |
| 143.19      |       |          |             |                      |                   |                        |                    |                     |                  |                      |                       |                     |                 |                   |                               |                              |         |              |                                 |           |                    |             | 13.35            | 627.45      | 0.00                         | 0.00                    | 105.38                   | 2,132.56            |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0314          | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     |                                      |                                 | 3.80                             | 117.80                      |
| pp337*         | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     |                                      |                                 | 0.08                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 3.88                             | 117.80                      |
| O0314          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.41                             | 74.71                       |
| O0325          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.51                             | 5.10                        |
| O0409          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 4.57                             | 98.26                       |
| O0410          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 4.37                     | 205.39              |                                      |                                 |                                  |                             |
| O0411          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.86                             | 18.49                       |
| pp337*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.30                             | 0.00                        |
| pp459*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.21                             | 0.00                        |
| 2010 SUB-TOTAL |             |                |                                              | 4.37                     | 205.39              | 0.00                                 | 0.00                            | 10.86                            | 196.56                      |
| TOTAL REMOVALS |             |                |                                              | 4.37                     | 205.39              | 0.00                                 | 0.00                            | 14.74                            | 314.36                      |

| POST-PROJECT                 |                       |                      |      |
|------------------------------|-----------------------|----------------------|------|
|                              | 2009                  |                      | 2010 |
| Suitable Habitat             | Acres 13.35 BA 627.45 | Acres 8.98 BA 422.06 |      |
| Potentially Suitable Habitat | 0.00 0.00             | 0.00 0.00            |      |
| Future Potential Habitat     | 101.50 2,014.76       | 90.64 1,818.20       |      |
| TOTAL                        | 114.85 2,642.21       | 99.62 2,240.26       |      |

|                                |                                      |                          |
|--------------------------------|--------------------------------------|--------------------------|
| Key:                           | Type Burn:                           | Suitability              |
| BA= basal area                 | 0= no data available                 | CS= currently suitable   |
| dbh= diameter at breast height | 1= no data available                 | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season                    | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                         |                          |
| 1 = low, sparse                | 10 = Yellow Pine-Upland Hardwood     |                          |
| 2 = low, moderate              | 21 = Longleaf Pine                   |                          |
| 3 = low, dense                 | 21P = Longleaf Pine Plantation       |                          |
| 4 = medium, sparse             | 22P = Slash Pine Plantation          |                          |
| 5 = tall, sparse               | 26 = Mixed Pine-Longleaf             |                          |
| 6 = medium, moderate           | 26P = Mixed Pine-Longleaf Plantation |                          |
| 7 = tall, moderate             | 31 = Loblolly Pine                   |                          |
| 8 = medium, dense              |                                      |                          |
| 9 = tall, dense                |                                      |                          |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-215. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O05-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| N0101       | 12.97 | 75       | 21          | 9.55                 | 3.50              | 8.65                  | 6.00               | 13.65               | 23.50            | 1.43                | 1.27                 | 0.78               | 2.00            | 29.50            | 35.00                         | 5                            | 28      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 12.97                    | 382.62              |
| N0102       | 5.32  | 43       | 21U         | 5.79                 | 2.50              | 0.00                  | 0.00               | 7.16                | 12.50            | 24.81               | 0.00                 | 0.00               | 0.00            | 12.50            | 15.00                         | 4                            | 30      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 5.32                     | 66.50               |
| O0501       | 25.46 | 73       | 31          | 30.49                | 10.00             | 29.91                 | 21.00              | 18.06               | 29.91            | 7.16                | 0.95                 | 3.43               | 6.00            | 50.00            | 66.00                         | 1                            | 28      | 8            | 3                               | 1         | 1                  | 25.46            | 1,273.00    |                              |                         |                          |                     |
| O0503       | 0.57  | 64       | 31          | 31.29                | 10.00             | 23.51                 | 16.50              | 12.14               | 18.50            | 16.04               | 4.81                 | 6.84               | 13.50           | 35.00            | 58.50                         | 3                            | 20      | 25           | 3                               | 1         | 1                  | 0.57             | 19.95       |                              |                         |                          |                     |
| O0505       | 32.13 | 49       | 31          | 25.96                | 6.50              | 15.83                 | 11.50              | 26.33               | 44.00            | 5.22                | 0.53                 | 0.69               | 1.50            | 55.50            | 63.50                         | 2                            | 42      | 3            | 3                               | 1         | 1                  | 32.13            | 1,783.22    |                              |                         |                          |                     |
| O0513       | 50.98 | 66       | 31          | 45.34                | 14.00             | 31.36                 | 21.00              | 20.67               | 30.50            | 9.77                | 0.00                 | 0.83               | 1.00            | 51.50            | 66.50                         | 1                            | 22      | 2            | 3                               | 1         | 1                  | 50.98            | 2,625.47    |                              |                         |                          |                     |
| O0514       | 43.43 | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.38                         | 1                            | 37      | 1            | 3                               | 1         | 1                  | 43.43            | 2,068.14    |                              |                         |                          |                     |
| O0515       | 6.03  | 49       | 22P         | 123.62               | 35.00             | 79.19                 | 53.75              | 13.33               | 17.50            | 0.00                | 0.00                 | 1.15               | 1.25            | 71.25            | 107.50                        | 1                            | 29      | 1            | 3                               | 1         | 0                  |                  |             | 6.03                         | 429.64                  |                          |                     |
| O0516       | 3.35  | 26       | 31P         | 61.78                | 17.65             | 42.53                 | 30.59              | 16.52               | 20.59            | 2.42                | 0.76                 | 0.00               | 0.59            | 51.18            | 69.41                         | 1                            | 25      | 1            | 3                               | 1         | 0                  |                  |             |                              |                         | 3.35                     | 171.45              |
| O0519       | 2.57  | 53       | 31          | 205.40               | 58.00             | 56.10                 | 40.00              | 33.74               | 54.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 94.00            | 152.00                        | 1                            | 28      | 0            | 3                               | 1         | 0                  |                  |             | 2.57                         | 241.58                  |                          |                     |
| O0529       | 13.36 | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.47            | 53.68                         | 2                            | 33      | 5            | 3                               | 1         | 1                  | 13.36            | 660.92      |                              |                         |                          |                     |
| O0548       | 23.77 | 73       | 31          | 30.49                | 10.00             | 29.91                 | 21.00              | 18.06               | 29.00            | 7.16                | 0.95                 | 3.43               | 6.00            | 50.00            | 66.00                         | 1                            | 28      | 8            | 3                               | 1         | 1                  | 23.77            | 1,188.50    |                              |                         |                          |                     |
| O0549       | 30.58 | 66       | 31          | 44.20                | 13.50             | 32.27                 | 21.50              | 20.67               | 30.50            | 9.77                | 0.00                 | 0.83               | 1.00            | 52.00            | 66.50                         | 1                            | 22      | 2            | 3                               | 1         | 1                  | 30.58            | 1,590.16    |                              |                         |                          |                     |
| pp342*      | 3.10  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.10                     | 0.00                |
| pp695*      | 1.90  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.90                     | 0.00                |
| pp807*      | 11.04 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 11.04                    | 0.00                |
| pp956*      | 9.19  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 9.19                     | 0.00                |
| 275.75      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 220.28           | 11,209.36   | 8.60                         | 671.22                  | 46.87                    | 620.57              |

| REMOVALS       |             |                |                                                           |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0514          | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) | 7.55                     | 359.53              |                                      |                                 |                                  |                             |
| O0514          | 2009        | 65049          | Access Road for Modified Record Fire Range (MRF7)         | 2.29                     | 109.05              |                                      |                                 |                                  |                             |
| O0514          | 2009        | 65554          | Construct Training Area Roads, Paved                      | 4.26                     | 202.86              |                                      |                                 |                                  |                             |
| O0514          | 2009        | 65049          | Modified Record Fire Range (MRF7)                         | 0.76                     | 36.19               |                                      |                                 |                                  |                             |
| O0515          | 2009        | 65554          | Construct Training Area Roads, Paved                      |                          |                     | 0.38                                 | 27.08                           |                                  |                             |
| O0516          | 2009        | 65043          | Construction Limits for Modified Record Fire Range (MRF1) |                          |                     |                                      |                                 | 0.71                             | 36.34                       |
| O0519          | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     | 1.37                                 | 128.78                          |                                  |                             |
| O0529          | 2009        | 65554          | Construct Training Area Roads, Paved                      | 2.46                     | 121.70              |                                      |                                 |                                  |                             |
| 2009 SUB-TOTAL |             |                |                                                           | 17.32                    | 829.33              | 1.75                                 | 155.86                          | 0.71                             | 36.34                       |
| N0101          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 3.48                             | 102.66                      |
| O0501          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              | 4.13                     | 206.50              |                                      |                                 |                                  |                             |
| O0513          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              | 1.55                     | 79.83               |                                      |                                 |                                  |                             |
| 2010 SUB-TOTAL |             |                |                                                           | 5.68                     | 286.33              | 0.00                                 | 0.00                            | 3.48                             | 102.66                      |
| TOTAL REMOVALS |             |                |                                                           | 23.00                    | 1,115.66            | 1.75                                 | 155.86                          | 4.19                             | 139.00                      |

| POST-PROJECT                 |  | 2009   |           | 2010   |           |
|------------------------------|--|--------|-----------|--------|-----------|
| Suitable Habitat             |  | Acres  | BA        | Acres  | BA        |
| Potentially Suitable Habitat |  | 6.85   | 10,380.03 | 6.85   | 10,093.70 |
| Future Potential Habitat     |  | 46.16  | 584.23    | 42.68  | 481.57    |
| TOTAL                        |  | 255.97 | 11,479.62 | 246.81 | 11,090.63 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
21U = Longleaf Pine Underplanted  
22P = Slash Pine Plantation  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-216. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O05-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| N0101       | 12.97 | 75       | 21          | 9.55                 | 3.50              | 8.65                  | 6.00               | 13.65               | 23.50            | 1.43                | 1.27                 | 0.78               | 2.00            | 29.50            | 35.00                         | 5                            | 28      | 8            | 3                               | 1         | 4.16               | PS          |                  |             |                              |                         | 12.97                    | 382.62              |
| N0102       | 5.32  | 43       | 21U         | 5.79                 | 2.50              | 0.00                  | 0.00               | 7.16                | 12.50            | 24.81               | 0.00                 | 0.00               | 0.00            | 12.50            | 15.00                         | 4                            | 30      | 0            | 3                               | 1         | 3.42               | PS          |                  |             |                              |                         | 5.32                     | 66.50               |
| O0501       | 25.46 | 73       | 31          | 30.49                | 10.00             | 29.91                 | 21.00              | 18.06               | 29.00            | 7.16                | 0.95                 | 3.43               | 6.00            | 50.00            | 66.00                         | 1                            | 28      | 8            | 3                               | 1         | 4.60               | PS          |                  | 25.46       | 1,273.00                     |                         |                          |                     |
| O0503       | 0.57  | 64       | 31          | 31.29                | 10.00             | 23.51                 | 16.50              | 12.14               | 18.50            | 16.04               | 4.81                 | 6.84               | 13.50           | 35.00            | 58.50                         | 3                            | 20      | 25           | 3                               | 1         | 3.91               | PS          |                  |             |                              | 0.57                    | 19.95                    |                     |
| O0505       | 32.13 | 49       | 31          | 25.96                | 6.50              | 15.83                 | 11.50              | 26.33               | 44.00            | 5.22                | 0.53                 | 0.69               | 1.50            | 55.50            | 63.50                         | 2                            | 42      | 3            | 3                               | 1         | 4.52               | PS          |                  |             |                              | 32.13                   | 1,783.22                 |                     |
| O0513       | 50.98 | 66       | 31          | 45.34                | 14.00             | 31.36                 | 21.00              | 20.67               | 30.50            | 9.77                | 0.00                 | 0.83               | 1.00            | 51.50            | 66.50                         | 1                            | 22      | 2            | 3                               | 1         | 4.57               | PS          |                  | 50.98       | 2,625.47                     |                         |                          |                     |
| O0514       | 43.43 | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.38                         | 1                            | 37      | 1            | 3                               | 1         | 4.32               | PS          |                  |             |                              | 43.43                   | 2,068.14                 |                     |
| O0515       | 6.03  | 49       | 22P         | 123.62               | 35.00             | 79.19                 | 53.75              | 13.33               | 17.50            | 0.00                | 0.00                 | 1.15               | 1.25            | 71.25            | 107.50                        | 1                            | 29      | 1            | 3                               | 1         | 3.81               | PS          |                  |             |                              | 6.03                    | 429.64                   |                     |
| O0516       | 3.35  | 26       | 31P         | 61.78                | 17.65             | 42.53                 | 30.59              | 16.52               | 20.59            | 2.42                | 0.76                 | 0.00               | 0.59            | 51.18            | 69.41                         | 1                            | 25      | 1            | 3                               | 1         | 3.84               | NH          |                  |             |                              | 3.35                    | 171.45                   |                     |
| O0519       | 2.57  | 53       | 31          | 205.40               | 58.00             | 56.10                 | 40.00              | 33.74               | 54.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 94.00            | 152.00                        | 1                            | 28      | 0            | 3                               | 1         | 4.36               | PS          |                  |             |                              | 2.57                    | 241.58                   |                     |
| O0529       | 13.36 | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.47            | 53.68                         | 2                            | 33      | 5            | 3                               | 1         | 4.75               | CS          | 13.36            | 660.92      |                              |                         |                          |                     |
| O0548       | 23.77 | 73       | 31          | 30.49                | 10.00             | 29.91                 | 21.00              | 18.06               | 29.00            | 7.16                | 0.95                 | 3.43               | 6.00            | 50.00            | 66.00                         | 1                            | 28      | 8            | 3                               | 1         | 4.60               | PS          |                  |             | 23.77                        | 1,188.50                |                          |                     |
| O0549       | 30.58 | 66       | 31          | 44.20                | 13.50             | 32.27                 | 21.50              | 20.67               | 30.50            | 9.77                | 0.00                 | 0.83               | 1.00            | 52.00            | 66.50                         | 1                            | 22      | 2            | 3                               | 1         | 4.60               | PS          |                  |             | 30.58                        | 1,590.16                |                          |                     |
| pp342*      | 3.10  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 3.10                    | 0.00                     |                     |
| pp695*      | 1.90  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 1.90                    | 0.00                     |                     |
| pp807*      | 11.04 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 11.04                   | 0.00                     |                     |
| pp956*      | 9.19  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 9.19                    | 0.00                     |                     |
| 275.75      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             | 13.36            | 660.92      | 130.79                       | 6,677.13                | 131.60                   | 5,163.10            |

| REMOVALS              |             |                |                                                           |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |
|-----------------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|
| Stand                 | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |
| O0514                 | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 7.55                             | 359.53                      |  |  |  |  |  |  |
| O0514                 | 2009        | 65049          | Access Road for Modified Record Fire Range (MRF7)         |                          |                     |                                      |                                 | 2.29                             | 109.05                      |  |  |  |  |  |  |
| O0514                 | 2009        | 65554          | Construct Training Area Roads, Paved                      |                          |                     |                                      |                                 | 4.26                             | 202.86                      |  |  |  |  |  |  |
| O0514                 | 2009        | 65049          | Modified Record Fire Range (MRF7)                         |                          |                     |                                      |                                 | 0.76                             | 36.19                       |  |  |  |  |  |  |
| O0515                 | 2009        | 65554          | Construct Training Area Roads, Paved                      |                          |                     |                                      |                                 | 0.38                             | 27.08                       |  |  |  |  |  |  |
| O0516                 | 2009        | 65043          | Construction Limits for Modified Record Fire Range (MRF1) |                          |                     |                                      |                                 | 0.71                             | 36.34                       |  |  |  |  |  |  |
| O0519                 | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 1.37                             | 128.78                      |  |  |  |  |  |  |
| O0529                 | 2009        | 65554          | Construct Training Area Roads, Paved                      | 2.46                     | 121.70              |                                      |                                 |                                  |                             |  |  |  |  |  |  |
| <b>2009 SUB-TOTAL</b> |             |                |                                                           | <b>2.46</b>              | <b>121.70</b>       | <b>0.00</b>                          | <b>0.00</b>                     | <b>17.32</b>                     | <b>899.83</b>               |  |  |  |  |  |  |
| N0101                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 3.48                             | 102.66                      |  |  |  |  |  |  |
| O0501                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase                |                          |                     |                                      |                                 | 4.13                             | 206.50                      |  |  |  |  |  |  |
| O0513                 | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 1.55                             | 79.83                       |  |  |  |  |  |  |
| <b>2010 SUB-TOTAL</b> |             |                |                                                           | <b>0.00</b>              | <b>0.00</b>         | <b>5.68</b>                          | <b>286.33</b>                   | <b>3.48</b>                      | <b>102.66</b>               |  |  |  |  |  |  |
| <b>TOTAL REMOVALS</b> |             |                |                                                           | <b>2.46</b>              | <b>121.70</b>       | <b>5.68</b>                          | <b>286.33</b>                   | <b>20.80</b>                     | <b>1,002.49</b>             |  |  |  |  |  |  |

| POST-PROJECT                 |  | 2009          |                  | 2010          |                  |
|------------------------------|--|---------------|------------------|---------------|------------------|
| Suitable Habitat             |  | Acres         | BA               | Acres         | BA               |
| Potentially Suitable Habitat |  | 130.79        | 6,677.13         | 125.11        | 6,390.80         |
| Future Potential Habitat     |  | 114.28        | 4,263.27         | 110.80        | 4,160.61         |
| <b>TOTAL</b>                 |  | <b>255.97</b> | <b>11,479.62</b> | <b>246.81</b> | <b>11,090.63</b> |

|                                                                                       |                                  |                          |
|---------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| <b>Key:</b>                                                                           |                                  |                          |
| BA= basal area                                                                        | Type Burn:                       | Suitability              |
| dbh= diameter at breast height                                                        | 0= no data available             | CS= currently suitable   |
| hwd= hardwood                                                                         | 1= non-growing season            | PS= potentially suitable |
| hgc= herbaceous ground cover                                                          | 2= growing season                | NH= non-habitat          |
| Hardwood Midstory:                                                                    | Forest Type:                     |                          |
| 1 = low, sparse                                                                       | 21 = Longleaf Pine               |                          |
| 2 = low, moderate                                                                     | 21P = Longleaf Pine Plantation   |                          |
| 3 = low, dense                                                                        | 21U = Longleaf Pine Underplanted |                          |
| 4 = medium, sparse                                                                    | 22P = Slash Pine Plantation      |                          |
| 5 = tall, sparse                                                                      | 31 = Loblolly Pine               |                          |
| 6 = medium, moderate                                                                  | 31P = Loblolly Pine Plantation   |                          |
| 7 = tall, moderate                                                                    |                                  |                          |
| 8 = medium, dense                                                                     |                                  |                          |
| 9 = tall, dense                                                                       |                                  |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                  |                          |

Appendix Table H-217. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **005-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0303       | 12.56 | 94       | 21          | 14.69                | 4.50              | 12.74                 | 9.50               | 16.77               | 26.50            | 10.95               | 0.00                 | 0.00               | 0.00            | 36.00            | 40.50                         | 1                            | 35      | 0            | 3                               | 1         | 1                  | 12.56            | 452.16      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0307       | 3.04  | 43       | 31          | 37.70                | 10.50             | 40.11                 | 29.00              | 14.93               | 19.50            | 0.00                | 0.00                 | 0.69               | 1.00            | 48.50            | 60.00                         | 1                            | 35      | 1            | 3                               | 1         | 1                  | 3.04             | 147.44      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0514       | 23.95 | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.38                         | 1                            | 37      | 1            | 3                               | 1         | 1                  | 23.95            | 1,140.50    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0516       | 7.30  | 26       | 31P         | 61.78                | 17.65             | 42.53                 | 30.59              | 16.52               | 20.59            | 2.42                | 0.76                 | 0.00               | 0.59            | 51.18            | 69.41                         | 1                            | 25      | 1            | 3                               | 1         | 0                  |                  |             |                              |                         | 7.30                     | 373.61              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0519       | 1.83  | 53       | 31          | 205.40               | 58.00             | 56.10                 | 40.00              | 33.74               | 54.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 94.00            | 152.00                        | 1                            | 28      | 0            | 3                               | 1         | 0                  |                  |             | 1.83                         | 172.02                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0520       | 14.03 | 53       | 31P         | 97.66                | 30.00             | 29.56                 | 19.00              | 5.05                | 6.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 25.00            | 55.00                         | 1                            | 40      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 14.03                    | 350.75              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0526       | 8.53  | 50       | 21          | 88.37                | 27.89             | 37.94                 | 25.26              | 6.62                | 9.47             | 0.00                | 0.00                 | 1.34               | 2.11            | 34.74            | 64.74                         | 1                            | 29      | 3            | 3                               | 1         | 0                  |                  |             | 8.53                         | 296.33                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0529       | 6.45  | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.47            | 53.68                         | 2                            | 33      | 5            | 3                               | 1         | 1                  | 6.45             | 319.08      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0530       | 16.61 | 55       | 21          | 10.21                | 2.00              | 12.76                 | 9.50               | 17.25               | 27.50            | 1.93                | 0.00                 | 0.00               | 0.00            | 37.00            | 39.00                         | 1                            | 29      | 0            | 3                               | 1         | 1                  | 16.61            | 614.57      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0532       | 6.99  | 55       | 26          | 5.58                 | 1.67              | 10.77                 | 8.33               | 21.40               | 30.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 38.33            | 40.00                         | 1                            | 42      | 0            | 3                               | 1         | 1                  | 6.99             | 267.93      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0533       | 4.46  | 52       | 21S         | 38.21                | 8.75              | 5.49                  | 3.75               | 10.51               | 16.25            | 19.66               | 4.87                 | 1.15               | 3.75            | 20.00            | 32.50                         | 4                            | 20      | 27           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.46                     | 89.20               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0534       | 15.39 | 55       | 21          | 37.49                | 10.00             | 23.10                 | 16.50              | 14.04               | 19.50            | 1.30                | 2.14                 | 0.41               | 2.00            | 36.00            | 48.00                         | 1                            | 30      | 6            | 3                               | 1         | 1                  | 15.39            | 554.04      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0538       | 0.29  | 53       | 31          | 38.18                | 12.50             | 64.35                 | 46.25              | 4.60                | 5.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 51.25            | 63.75                         | 2                            | 16      | 0            | 3                               | 1         | 1                  | 0.29             | 14.86       |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0550       | 4.54  | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.48            | 53.69                         | 2                            | 33      | 5            | 3                               | 1         | 1                  | 4.54             | 224.64      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0551       | 3.13  | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.39                         | 1                            | 33      | 1            | 3                               | 1         | 1                  | 3.13             | 149.05      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp460*      | 4.05  | 14       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.05                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp535*      | 0.66  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.66                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp536*      | 0.96  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.96                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 134.77      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**KEY:**  
BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgcc= herbaceous ground cover  
Type Burn:  
0= no data available  
1= non-growing season  
2= growing season  
Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
21S = Longleaf Pine Scrub Oak  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation  
Stand Score  
0=Unsuitable  
1=Suitable  
\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stands O0520, O0526, O0533 and pp535 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.

Appendix Table H-218. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **005-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |                              |                         |                          |                     |        |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|------------------------------|-------------------------|--------------------------|---------------------|--------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |        |          |
| O0303       | 12.56 | 94       | 21          | 14.69                | 4.50              | 12.74                 | 9.50               | 16.77               | 26.50            | 10.95               | 0.00                 | 0.00               | 0.00            | 36.00            | 40.50                         | 1                            | 35      | 0            | 3                               | 1         | 4.54               | PS          |                  |                              |                         | 12.56                    | 452.16              |        |          |
| O0307       | 3.04  | 43       | 31          | 37.70                | 10.50             | 40.11                 | 29.00              | 14.93               | 19.50            | 0.00                | 0.00                 | 0.69               | 1.00            | 48.50            | 60.00                         | 1                            | 35      | 1            | 3                               | 1         | 4.11               | PS          |                  |                              |                         | 3.04                     | 147.44              |        |          |
| O0514       | 23.95 | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.38                         | 1                            | 37      | 1            | 3                               | 1         | 4.32               | PS          |                  |                              |                         | 23.95                    | 1,140.50            |        |          |
| O0516       | 7.30  | 26       | 31P         | 61.78                | 17.65             | 42.53                 | 30.59              | 16.52               | 20.59            | 2.42                | 0.76                 | 0.00               | 0.59            | 51.18            | 69.41                         | 1                            | 25      | 1            | 3                               | 1         | 3.84               | NH          |                  |                              |                         | 7.30                     | 373.61              |        |          |
| O0519       | 1.83  | 53       | 31          | 205.40               | 58.00             | 56.10                 | 40.00              | 33.74               | 54.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 94.00            | 152.00                        | 1                            | 28      | 0            | 3                               | 1         | 4.36               | PS          |                  |                              |                         | 1.83                     | 172.02              |        |          |
| O0520       | 14.03 | 53       | 31P         | 97.66                | 30.00             | 29.56                 | 19.00              | 5.05                | 6.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 25.00            | 55.00                         | 1                            | 40      | 0            | 3                               | 1         | 3.53               | PS          |                  |                              |                         | 14.03                    | 350.75              |        |          |
| O0526       | 8.53  | 50       | 21          | 88.37                | 27.89             | 37.94                 | 25.26              | 6.62                | 9.47             | 0.00                | 0.00                 | 1.34               | 2.11            | 34.74            | 64.74                         | 1                            | 29      | 3            | 3                               | 1         | 3.46               | PS          |                  |                              |                         | 8.53                     | 296.33              |        |          |
| O0529       | 6.45  | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.47            | 53.68                         | 2                            | 33      | 5            | 3                               | 1         | 4.75               | CS          | 6.45             | 319.08                       |                         |                          |                     |        |          |
| O0530       | 16.61 | 55       | 21          | 10.21                | 2.00              | 12.76                 | 9.50               | 17.25               | 27.50            | 1.93                | 0.00                 | 0.00               | 0.00            | 37.00            | 39.00                         | 1                            | 29      | 0            | 3                               | 1         | 4.30               | PS          |                  |                              |                         | 16.61                    | 614.57              |        |          |
| O0532       | 6.99  | 55       | 26          | 5.58                 | 1.67              | 10.77                 | 8.33               | 21.40               | 30.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 38.33            | 40.00                         | 1                            | 42      | 0            | 3                               | 1         | 4.66               | PS          |                  |                              |                         | 6.99                     | 267.93              |        |          |
| O0533       | 4.46  | 52       | 21S         | 38.21                | 8.75              | 5.49                  | 3.75               | 10.51               | 16.25            | 19.66               | 4.87                 | 1.15               | 3.75            | 20.00            | 32.50                         | 4                            | 20      | 27           | 3                               | 1         | 3.57               | PS          |                  |                              |                         | 4.46                     | 89.20               |        |          |
| O0534       | 15.39 | 55       | 21          | 37.49                | 10.00             | 23.10                 | 16.50              | 14.04               | 19.50            | 1.30                | 2.14                 | 0.41               | 2.00            | 36.00            | 48.00                         | 1                            | 30      | 6            | 3                               | 1         | 4.20               | PS          |                  |                              |                         | 15.39                    | 554.04              |        |          |
| O0538       | 0.29  | 53       | 31          | 38.18                | 12.50             | 64.35                 | 46.25              | 4.60                | 5.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 51.25            | 63.75                         | 2                            | 16      | 0            | 3                               | 1         | 3.24               | PS          |                  |                              |                         | 0.29                     | 14.86               |        |          |
| O0550       | 4.54  | 66       | 21          | 8.87                 | 2.63              | 21.83                 | 14.74              | 20.40               | 34.74            | 1.51                | 1.75                 | 0.32               | 1.58            | 49.48            | 53.69                         | 2                            | 33      | 5            | 3                               | 1         | 4.75               | CS          | 4.54             | 224.64                       |                         |                          |                     |        |          |
| O0551       | 3.13  | 49       | 21          | 13.30                | 4.29              | 31.87                 | 24.29              | 17.51               | 23.33            | 0.00                | 0.58                 | 0.00               | 0.48            | 47.62            | 52.39                         | 1                            | 33      | 1            | 3                               | 1         | 4.32               | PS          |                  |                              |                         |                          | 3.13                | 149.05 |          |
| pp460*      | 4.05  | 14       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                              |                         |                          | 4.05                | 0.00   |          |
| pp535*      | 0.66  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                              |                         |                          | 0.66                | 0.00   |          |
| pp536*      | 0.96  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                              |                         |                          | 0.96                | 0.00   |          |
| 134.77      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  | 10.99                        | 543.72                  | 0.00                     | 0.00                | 123.78 | 4,622.46 |

| REMOVALS       |             |                |                                                           |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0514          | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 9.14                             | 435.25                      |
| O0514          | 2009        | 65049          | Modified Record Fire Range (MRF7)                         |                          |                     |                                      |                                 | 2.86                             | 136.19                      |
| O0514          | 2009        | 65036          | Access Road for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 0.85                             | 40.48                       |
| O0514          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 1.24                             | 59.05                       |
| O0516          | 2009        | 65049          | Modified Record Fire Range (MRF7)                         |                          |                     |                                      |                                 | 2.64                             | 135.12                      |
| O0519          | 2009        | 65049          | Modified Record Fire Range (MRF7)                         |                          |                     |                                      |                                 | 0.89                             | 83.66                       |
| O0519          | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 0.94                             | 88.36                       |
| O0520          | 2009        | 65049          | Modified Record Fire Range (MRF7)                         |                          |                     |                                      |                                 | 10.39                            | 259.75                      |
| O0520          | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 2.54                             | 63.50                       |
| O0520          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 1.06                             | 26.50                       |
| O0526          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 0.39                             | 13.55                       |
| O0530          | 2009        | 65036          | Access Road for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 1.60                             | 59.20                       |
| O0530          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 0.03                             | 1.11                        |
| O0532          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 0.85                             | 32.58                       |
| O0550          | 2009        | 65036          | Access Road for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 |                                  |                             |
| O0551          | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   | 1.12                     | 55.42               |                                      |                                 | 0.35                             | 16.67                       |
| O0551          | 2009        | 65036          | Access Road for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 1.67                             | 79.53                       |
| pp535*         | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 0.02                             | 0.00                        |
| pp535*         | 2009        | 65036          | Construction Limits for Basic 10M-25M Firing Range (Z2)   |                          |                     |                                      |                                 | 0.37                             | 0.00                        |
| pp536*         | 2009        | 65049          | Construction Limits for Modified Record Fire Range (MRF7) |                          |                     |                                      |                                 | 0.19                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                                           | 1.12                     | 55.42               | 0.00                                 | 0.00                            | 38.02                            | 1,530.50                    |
| O0303          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 2.24                             | 50.93                       |
| O0307          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 1.05                             | 80.64                       |
| O0530          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 3.32                             | 122.84                      |
| O0534          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1              |                          |                     |                                      |                                 | 0.11                             | 3.96                        |
| 2010 SUB-TOTAL |             |                |                                                           | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 6.72                             | 258.37                      |
| O0516          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      |                                 | 4.66                             | 238.50                      |
| O0526          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      |                                 | 4.69                             | 162.93                      |
| O0526          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 0.48                             | 16.68                       |
| O0532          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 3.60                             | 137.99                      |
| O0533          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 4.45                             | 89.00                       |
| O0534          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 1.32                             | 47.52                       |
| pp460*         | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      |                                 | 0.19                             | 0.00                        |
| pp536*         | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      |                                 | 0.77                             | 0.00                        |
| 2011 SUB-TOTAL |             |                |                                                           | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 20.16                            | 692.62                      |
| TOTAL REMOVALS |             |                |                                                           | 1.12                     | 55.42               | 0.00                                 | 0.00                            | 64.90                            | 2,481.49                    |

| POST-PROJECT                 |  |       |          |                        |        |       |          |       |          |
|------------------------------|--|-------|----------|------------------------|--------|-------|----------|-------|----------|
|                              |  | 2009  |          | non-contiguous habitat |        | 2010  |          | 2011  |          |
|                              |  | Acres | BA       | Acres                  | BA     | Acres | BA       | Acres | BA       |
| Suitable Habitat             |  | 9.87  | 488.30   | 0.00                   | 0.00   | 9.87  | 488.30   | 9.87  | 488.30   |
| Potentially Suitable Habitat |  | 0.00  | 0.00     | 0.00                   | 0.00   | 0.00  | 0.00     | 0.00  | 0.00     |
| Future Potential Habitat     |  | 85.76 | 3,091.96 | 3.29                   | 104.37 | 75.75 | 2,729.22 | 95.59 | 2,036.60 |
| TOTAL                        |  | 95.63 | 3,580.26 | 3.29                   | 104.37 | 85.62 | 3,217.52 | 65.46 | 2,524.90 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgcc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat  
21S = Longleaf Pine Scrub Oak  
26 = Mixed Pine-Longleaf  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stands O0526, O0533 and pp535 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Suitability:  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
21S = Longleaf Pine Scrub Oak  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stands O0526, O0533 and pp535 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.



Appendix Table H-220. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O05-03R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                       |                     |                     |                  |                     |                      |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|-----------------------|---------------------|---------------------|------------------|---------------------|----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10-14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4 10" dbh | Hwd Stems 10-14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0511       | 4.51  | 52       | 10          | 30.95                | 8.99               | 30.71                 | 22.78               | 8.80                | 11.67            | 19.45               | 6.78                 | 1.26                | 6.67             | 34.44             | 50.00                         | 3                           | 13      | 17           | 3                               | 1         | 3.47               | PS          |                  |             |                              |                         | 4.51                     | 155.32              |
| O0516       | 5.36  | 26       | 31P         | 61.78                | 17.65              | 42.53                 | 30.59               | 16.52               | 20.59            | 2.42                | 0.76                 | 0.00                | 0.59             | 61.18             | 69.41                         | 1                           | 25      | 1            | 3                               | 1         | 3.84               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0517       | 4.03  | 32       | ND          | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 2.20               | PS          |                  |             |                              |                         | 4.03                     | 0.00                |
| O0518       | 39.53 | 46       | 31          | 11.97                | 4.00               | 25.04                 | 19.00               | 16.30               | 22.50            | 22.74               | 1.59                 | 0.84                | 2.00             | 41.50             | 47.50                         | 1                           | 17      | 6            | 3                               | 1         | 4.12               | PS          |                  |             |                              |                         | 39.53                    | 1,640.50            |
| O0523       | 2.87  | 82       | 31          | 204.92               | 50.00              | 51.33                 | 40.00               | 10.14               | 15.00            | 0.00                | 0.00                 | 0.00                | 0.00             | 55.00             | 105.00                        | 1                           | 15      | 0            | 3                               | 1         | 3.95               | PS          |                  |             |                              |                         | 2.87                     | 157.85              |
| O0524       | 22.50 | 82       | 22P         | 8.99                 | 3.50               | 15.26                 | 11.50               | 13.52               | 18.00            | 20.96               | 3.08                 | 0.92                | 3.50             | 29.50             | 36.50                         | 1                           | 29      | 12           | 3                               | 1         | 4.19               | PS          |                  |             |                              |                         | 22.50                    | 663.75              |
| O0525       | 72.82 | 82       | 25          | 15.63                | 6.00               | 19.61                 | 14.50               | 22.61               | 33.50            | 4.05                | 3.35                 | 0.29                | 3.00             | 48.00             | 57.00                         | 1                           | 39      | 8            | 3                               | 1         | 4.75               | CS          | 72.82            | 3,495.36    |                              |                         |                          |                     |
| O0526       | 9.04  | 50       | 21          | 88.37                | 27.99              | 37.94                 | 25.26               | 6.62                | 9.47             | 0.00                | 0.00                 | 1.34                | 2.11             | 34.74             | 64.74                         | 1                           | 29      | 3            | 3                               | 1         | 3.46               | PS          |                  |             |                              |                         | 9.04                     | 314.05              |
| O0533       | 4.50  | 52       | 21S         | 38.21                | 8.75               | 5.49                  | 3.75                | 10.51               | 16.25            | 19.66               | 4.87                 | 1.15                | 3.75             | 20.00             | 32.50                         | 4                           | 20      | 27           | 3                               | 1         | 3.57               | PS          |                  |             |                              |                         | 4.50                     | 90.00               |
| O0536       | 19.07 | 43       | 21          | 26.40                | 8.50               | 35.63                 | 27.00               | 9.89                | 13.00            | 4.23                | 2.75                 | 1.07                | 3.50             | 40.00             | 52.00                         | 1                           | 36      | 8            | 3                               | 1         | 3.86               | PS          |                  |             |                              |                         | 19.07                    | 762.80              |
| O0539       | 2.42  | 43       | 21          | 29.39                | 9.00               | 15.43                 | 11.50               | 13.62               | 19.50            | 13.46               | 5.50                 | 0.95                | 5.00             | 31.00             | 45.00                         | 1                           | 28      | 18           | 3                               | 1         | 3.82               | PS          |                  |             |                              |                         | 2.42                     | 75.02               |
| O0546       | 1.98  | 52       | 31          | 85.09                | 27.00              | 29.98                 | 20.50               | 3.79                | 5.00             | 2.24                | 3.17                 | 0.46                | 3.00             | 25.50             | 55.50                         | 5                           | 24      | 10           | 3                               | 1         | 2.97               | PS          |                  |             |                              |                         | 1.98                     | 50.49               |
| O0552       | 22.70 | 43       | 21          | 26.40                | 8.50               | 35.63                 | 27.00               | 9.89                | 13.00            | 4.23                | 2.75                 | 1.07                | 3.50             | 40.00             | 52.00                         | 1                           | 36      | 8            | 3                               | 1         | 3.86               | PS          |                  |             |                              |                         | 22.70                    | 908.00              |
| O0553       | 13.62 | 43       | 21          | 29.39                | 9.00               | 15.43                 | 11.50               | 13.62               | 19.50            | 13.46               | 5.50                 | 0.95                | 5.00             | 31.00             | 45.00                         | 1                           | 28      | 18           | 3                               | 1         | 3.82               | PS          |                  |             |                              |                         | 13.62                    | 422.22              |
| O0554       | 6.93  | 46       | 31          | 11.97                | 4.00               | 25.04                 | 19.00               | 16.30               | 22.50            | 22.74               | 1.59                 | 0.84                | 2.00             | 41.50             | 47.50                         | 1                           | 17      | 6            | 3                               | 1         | 4.12               | PS          |                  |             |                              |                         | 6.93                     | 287.60              |
| O0612       | 0.06  | 69       | 31          | 0.00                 | 0.00               | 11.37                 | 10.00               | 9.99                | 20.00            | 0.00                | 0.00                 | 0.00                | 0.00             | 30.00             | 30.00                         | 1                           | 60      | 0            | 3                               | 1         | 4.44               | PS          |                  |             |                              |                         | 0.06                     | 1.80                |
| O0636       | 0.74  | 58       | 25          | 26.58                | 6.50               | 10.16                 | 7.00                | 10.79               | 16.00            | 56.55               | 10.26                | 5.97                | 16.00            | 23.00             | 45.50                         | 6                           | 14      | 44           | 3                               | 1         | 3.30               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp460*      | 6.02  | 14       | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.02                     | 0.00                |
| pp536*      | 0.15  | 7        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp625*      | 4.49  | 6        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp953*      | 4.59  | 1        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 4.59                     | 0.00                |
| pp955*      | 0.83  | 1        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.83                     | 0.00                |
| 248.76      |       |          |             |                      |                    |                       |                     |                     |                  |                     |                      |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             | 72.82            | 3,495.36    | 0.00                         | 0.00                    | 165.20                   | 5,529.40            |

  

| REMOVALS       |             |                |                                                           |                          |                     |                                      |                                  |
|----------------|-------------|----------------|-----------------------------------------------------------|--------------------------|---------------------|--------------------------------------|----------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                              | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Future Potential Acreage Removed |
| O0511          | 2009        | 65035          | Basic 10M-25M Firing Range (Z1)                           |                          |                     |                                      | 0.50                             |
| O0511          | 2009        | 65035          | Construction Limits for Basic 10M-25M Firing Range (Z1)   |                          |                     |                                      | 3.03                             |
| O0517          | 2009        | 65043          | Construction Limits for Modified Record Fire Range (MRF1) |                          |                     |                                      | 2.27                             |
| O0518          | 2009        | 65035          | Construction Limits for Basic 10M-25M Firing Range (Z1)   |                          |                     |                                      | 0.00                             |
| O0518          | 2009        | 65043          | Construction Limits for Modified Record Fire Range (MRF1) |                          |                     |                                      | 5.40                             |
| pp953*         | 2009        | 65043          | Modified Record Fire Range (MRF1)                         |                          |                     |                                      | 1.07                             |
| pp953*         | 2009        | 65043          | Construction Limits for Modified Record Fire Range (MRF1) |                          |                     |                                      | 3.52                             |
| pp955*         | 2009        | 65043          | Modified Record Fire Range (MRF1)                         |                          |                     |                                      | 0.55                             |
| 2009 SUB-TOTAL |             |                |                                                           | 0.00                     | 0.00                | 0.00                                 | 16.91                            |
| O0517          | 2011        | 65043          | Beaten Area for Modified Record Fire Range (MRF1)         |                          |                     |                                      | 0.46                             |
| O0518          | 2011        | 65035          | Beaten Area for Basic 10M-25M Firing Range (Z1)           |                          |                     |                                      | 1.18                             |
| O0518          | 2011        | 65043          | Beaten Area for Modified Record Fire Range (MRF1)         |                          |                     |                                      | 16.23                            |
| O0523          | 2011        | 65043          | Beaten Area for Modified Record Fire Range (MRF1)         |                          |                     |                                      | 0.86                             |
| O0523          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      | 2.01                             |
| O0524          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      | 6.68                             |
| O0525          | 2011        | 65043          | Beaten Area for Modified Record Fire Range (MRF1)         | 0.05                     | 2.40                |                                      |                                  |
| O0526          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      | 6.45                             |
| O0526          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      | 0.16                             |
| O0533          | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      | 2.47                             |
| O0533          | 2011        | 65049          | Beaten Area for Modified Record Fire Range (MRF7)         |                          |                     |                                      | 0.36                             |
| pp460*         | 2011        | 65036          | Beaten Area for Basic 10M-25M Firing Range (Z2)           |                          |                     |                                      | 1.81                             |
| pp955*         | 2011        | 65043          | Beaten Area for Modified Record Fire Range (MRF1)         |                          |                     |                                      | 0.28                             |
| 2011 SUB-TOTAL |             |                |                                                           | 0.05                     | 2.40                | 0.00                                 | 38.95                            |
| TOTAL REMOVALS |             |                |                                                           | 0.05                     | 2.40                | 0.00                                 | 55.86                            |

  

| POST-PROJECT                 |  |  |  | 2009 TOTAL |          |  |  | 2011 TOTAL |          |  |  |
|------------------------------|--|--|--|------------|----------|--|--|------------|----------|--|--|
| Suitable Habitat             |  |  |  | Acres      | BA       |  |  | Acres      | BA       |  |  |
| Potentially Suitable Habitat |  |  |  | 72.82      | 3,495.36 |  |  | 72.77      | 3,492.96 |  |  |
| Future Potential Habitat     |  |  |  | 0.00       | 0.00     |  |  | 0.00       | 0.00     |  |  |
| TOTAL                        |  |  |  | 148.29     | 5,160.07 |  |  | 149.34     | 3,796.41 |  |  |
|                              |  |  |  | 221.11     | 8,655.43 |  |  | 182.11     | 7,289.37 |  |  |

  

| Key:                           |                                  |                          |
|--------------------------------|----------------------------------|--------------------------|
| BA= basal area                 | Type Burn                        | Suitability              |
| dbh= diameter at breast height | 0=no data available              | CS= currently suitable   |
| hwd= hardwood                  | 1=non-growing season             | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2=growing season                 | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                     |                          |
| 1 = low, sparse                | 10 = Yellow Pine-Upland Hardwood |                          |
| 2 = low, moderate              | 21 = Longleaf Pine               |                          |
| 3 = low, dense                 | 21P = Longleaf Pine Plantation   |                          |
| 4 = medium, sparse             | 21S = Longleaf Pine Scrub Oak    |                          |
| 5 = tall, sparse               | 22P = Slash Pine Plantation      |                          |
| 6 = medium, moderate           | 25 = Mixed Pine                  |                          |
| 7 = tall, moderate             | 31 = Loblolly Pine               |                          |
| 8 = medium, dense              | 31P = Loblolly Pine Plantation   |                          |
| 9 = tall, dense                | ND = No data provided            |                          |

  

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-221. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O07-01F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0716       | 10.60 | 51       | 31          | 45.09                | 14.50             | 35.42                 | 24.50              | 9.63                | 12.00            | 9.91                 | 3.58                  | 0.27                | 3.00            | 36.50            | 54.00                         | 6                            | 36      | 8            | 3                               | 1         | 0                  |                  |             | 10.60                        | 386.90                  |                          |                     |
| O0717       | 38.06 | 48       | 31          | 9.17                 | 3.00              | 21.85                 | 16.00              | 16.32               | 26.50            | 12.59                | 8.71                  | 4.06                | 13.00           | 42.50            | 58.50                         | 6                            | 26      | 25           | 3                               | 1         | 0                  |                  |             | 38.06                        | 1,617.55                |                          |                     |
| O0718       | 6.34  | 50       | 31          | 30.53                | 8.50              | 12.99                 | 9.50               | 21.44               | 36.50            | 14.40                | 2.48                  | 1.46                | 4.00            | 46.00            | 58.50                         | 6                            | 34      | 10           | 3                               | 1         | 0                  |                  |             | 6.34                         | 291.64                  |                          |                     |
| O0721       | 6.27  | 50       | 31          | 98.46                | 28.57             | 35.28                 | 27.14              | 14.15               | 21.43            | 9.32                 | 0.00                  | 1.18                | 1.43            | 48.57            | 78.57                         | 1                            | 47      | 2            | 3                               | 1         | 0                  |                  |             | 6.27                         | 304.53                  |                          |                     |
| O0724       | 0.31  | 48       | 31          | 25.60                | 7.78              | 22.87                 | 15.56              | 9.78                | 16.67            | 7.48                 | 2.93                  | 4.75                | 10.00           | 32.22            | 50.00                         | 7                            | 29      | 19           | 3                               | 1         | 0                  |                  |             | 0.31                         | 9.99                    |                          |                     |
| O0726       | 16.35 | 51       | 31          | 6.37                 | 1.58              | 11.60                 | 8.95               | 21.61               | 35.79            | 6.04                 | 1.38                  | 0.99                | 2.63            | 44.74            | 48.95                         | 8                            | 38      | 7            | 3                               | 1         | 0                  |                  |             | 16.35                        | 731.50                  |                          |                     |
| O0727       | 52.31 | 62       | 31          | 18.73                | 6.00              | 42.68                 | 30.50              | 9.84                | 13.00            | 11.22                | 2.51                  | 0.68                | 3.00            | 43.50            | 52.50                         | 6                            | 29      | 6            | 3                               | 1         | 0                  |                  |             | 52.31                        | 2,275.49                |                          |                     |
| O0729       | 1.50  | 48       | 31          | 30.53                | 8.00              | 17.76                 | 13.50              | 18.09               | 26.00            | 14.54                | 7.26                  | 2.59                | 8.50            | 39.50            | 56.00                         | 6                            | 27      | 22           | 3                               | 1         | 0                  |                  |             | 1.50                         | 59.25                   |                          |                     |
| O0731       | 40.61 | 48       | 31          | 24.78                | 7.00              | 13.13                 | 9.00               | 12.48               | 19.50            | 19.55                | 7.32                  | 1.37                | 6.50            | 28.50            | 42.00                         | 7                            | 34      | 25           | 3                               | 1         | 0                  |                  |             |                              |                         | 40.61                    | 1,157.39            |
| O0737       | 25.86 | 70       | 66**        | 37.29                | 9.50              | 2.90                  | 2.00               | 4.99                | 8.50             | 40.04                | 12.86                 | 4.22                | 15.50           | 10.50            | 35.50                         | 6                            | 30      | 68           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0764       | 17.18 | 70       | 13          | 35.12                | 10.00             | 8.48                  | 5.50               | 7.74                | 13.50            | 57.90                | 11.63                 | 4.17                | 15.00           | 19.00            | 44.00                         | 2                            | 14      | 49           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp275*      | 14.95 | 10       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp277*      | 4.40  | 10       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.40                     | 0.00                |
| pp278*      | 25.81 | 10       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 25.81                    | 0.00                |
| pp352*      | 1.11  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.11                     | 0.00                |
| pp746*      | 13.19 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp75*       | 3.45  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.45                     | 0.00                |
| pp76*       | 12.04 | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 12.04                    | 0.00                |
| pp77*       | 5.38  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 5.38                     | 0.00                |
| pp951*      | 27.16 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp952*      | 8.69  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp1061*     | 3.53  | 0        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.53                     | 0.00                |
| 334.90      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    | 0.00             | 0.00        | 131.74                       | 5,676.85                | 96.33                    | 1,157.39            |

| REMOVALS       |             |                |                                                       |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|-------------|----------------|-------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                          | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0717          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |                          |                     | 5.23                                 | 222.28                          |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0727          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |                          |                     | 5.62                                 | 244.47                          |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0729          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |                          |                     | 1.28                                 | 50.56                           |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0731          | 2009        | 65033          | Fire and Movement Range (FM2)                         |                          |                     |                                      |                                 | 7.40                             | 210.90                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0731          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |                          |                     |                                      |                                 | 1.73                             | 49.31                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0731          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |                          |                     |                                      |                                 | 18.04                            | 514.14                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp75*          | 2009        | 65033          | Fire and Movement Range (FM2)                         |                          |                     | 0.18                                 | 0.00                            |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp75*          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |                          |                     | 2.29                                 | 0.00                            |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp76*          | 2009        | 65033          | Fire and Movement Range (FM2)                         |                          |                     | 0.61                                 | 0.00                            |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp76*          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |                          |                     | 4.96                                 | 0.00                            |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp1061*        | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |                          |                     | 0.01                                 | 0.00                            |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2009 SUB-TOTAL |             |                |                                                       | 0.00                     | 0.00                | 12.13                                | 517.31                          | 35.22                            | 774.35                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0731          | 2011        | 65033          | Beaten Area for Fire and Movement Range (FM2)         |                          |                     |                                      |                                 | 2.79                             | 79.52                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2011 SUB-TOTAL |             |                |                                                       | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 2.79                             | 79.52                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL REMOVALS |             |                |                                                       | 0.00                     | 0.00                | 12.13                                | 517.31                          | 38.01                            | 853.87                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| POST-PROJECT                 |        |          |                              |        |          |
|------------------------------|--------|----------|------------------------------|--------|----------|
|                              |        | 2009     |                              | 2011   |          |
| Suitable Habitat             | Acres  | BA       | Suitable Habitat             | Acres  | BA       |
| Potentially Suitable Habitat | 119.61 | 5,159.54 | Potentially Suitable Habitat | 119.61 | 5,159.54 |
| Future Potential Habitat     | 61.11  | 383.04   | Future Potential Habitat     | 58.32  | 303.52   |
| TOTAL                        | 180.72 | 5,542.58 | TOTAL                        | 177.93 | 5,463.06 |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-222. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O07-01R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                     |                     |                  |                      |                       |                     |                  |                   |                               |                      |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|---------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|----------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0716       | 10.60 | 51       | 31          | 45.09                | 14.50              | 35.42                  | 24.50               | 9.63                | 12.00            | 9.91                 | 3.58                  | 0.27                | 3.00             | 36.50             | 54.00                         | 6                    | 36      | 8            | 3                               | 1         | 3.67               | PS          |                  |             |                              |                         | 10.60                    | 386.90              |
| O0717       | 38.06 | 48       | 31          | 9.17                 | 3.00               | 21.85                  | 16.00               | 16.32               | 26.50            | 12.59                | 8.71                  | 4.06                | 13.00            | 42.50             | 58.50                         | 6                    | 26      | 25           | 3                               | 1         | 3.80               | PS          |                  |             |                              |                         | 38.06                    | 1,617.55            |
| O0718       | 6.34  | 50       | 31          | 30.53                | 8.50               | 12.99                  | 9.50                | 21.44               | 36.50            | 14.40                | 2.48                  | 1.46                | 4.00             | 46.00             | 58.50                         | 6                    | 34      | 10           | 3                               | 1         | 4.29               | PS          |                  |             |                              |                         | 6.34                     | 291.64              |
| O0721       | 6.27  | 50       | 31          | 98.46                | 28.57              | 35.28                  | 27.14               | 14.15               | 21.43            | 9.32                 | 0.00                  | 1.18                | 1.43             | 48.57             | 78.57                         | 1                    | 47      | 2            | 3                               | 1         | 4.43               | PS          |                  |             |                              |                         | 6.27                     | 304.53              |
| O0724       | 0.31  | 48       | 31          | 25.60                | 7.78               | 22.87                  | 15.56               | 9.78                | 16.67            | 7.48                 | 2.53                  | 4.75                | 10.00            | 32.22             | 50.00                         | 7                    | 29      | 19           | 3                               | 1         | 3.34               | PS          |                  |             |                              |                         | 0.31                     | 9.99                |
| O0726       | 16.35 | 51       | 31          | 6.37                 | 1.58               | 11.60                  | 8.95                | 21.61               | 35.79            | 6.04                 | 1.38                  | 0.99                | 2.63             | 44.74             | 48.95                         | 8                    | 38      | 7            | 3                               | 1         | 4.27               | PS          |                  |             |                              |                         | 16.35                    | 731.50              |
| O0727       | 52.31 | 62       | 31          | 18.73                | 6.00               | 42.68                  | 30.50               | 9.84                | 13.00            | 11.22                | 2.51                  | 0.68                | 3.00             | 43.50             | 52.50                         | 6                    | 29      | 6            | 3                               | 1         | 3.84               | PS          |                  |             |                              |                         | 52.31                    | 2,275.49            |
| O0729       | 1.50  | 48       | 31          | 30.53                | 8.00               | 17.76                  | 13.50               | 18.09               | 26.00            | 14.54                | 7.26                  | 2.59                | 8.50             | 39.50             | 56.00                         | 6                    | 27      | 22           | 3                               | 1         | 3.94               | PS          |                  |             |                              |                         | 1.50                     | 59.25               |
| O0731       | 40.61 | 48       | 31          | 24.78                | 7.00               | 13.13                  | 9.00                | 12.48               | 19.50            | 19.55                | 7.32                  | 1.37                | 6.50             | 28.50             | 42.00                         | 7                    | 34      | 25           | 3                               | 1         | 3.38               | PS          |                  |             |                              |                         | 40.61                    | 1,157.39            |
| O0737       | 25.66 | 70       | 66**        | 37.29                | 9.50               | 2.90                   | 2.00                | 4.99                | 8.50             | 40.04                | 12.86                 | 4.22                | 15.50            | 10.50             | 35.50                         | 6                    | 30      | 68           | 3                               | 1         | 2.90               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0764       | 17.18 | 70       | 13          | 35.12                | 10.00              | 8.48                   | 5.50                | 7.74                | 13.50            | 57.90                | 11.63                 | 4.17                | 15.00            | 19.00             | 44.00                         | 2                    | 14      | 49           | 3                               | 1         | 3.29               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp275*      | 14.95 | 10       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp277*      | 4.40  | 10       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 4.40                     | 0.00                |
| pp278*      | 25.81 | 10       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 25.81                    | 0.00                |
| pp352*      | 1.11  | 11       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.11                     | 0.00                |
| pp746*      | 13.19 | 4        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp75*       | 3.45  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.45                     | 0.00                |
| pp76*       | 12.04 | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 12.04                    | 0.00                |
| pp77*       | 5.38  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 5.38                     | 0.00                |
| pp951*      | 27.16 | 1        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp952*      | 8.69  | 1        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp1061*     | 3.53  | 0        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.53                     | 0.00                |
| 334.90      |       |          |             |                      |                    |                        |                     |                     |                  |                      |                       |                     |                  |                   |                               |                      |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 228.07                   | 6,834.24            |

| REMOVALS       |             |                |                                                       |  |  |  |  |  |  | Suitable Acreage |                     | Potentially Suitable |  | Potentially Suitable BA |  | Future Potential |  | Future Potential |  |
|----------------|-------------|----------------|-------------------------------------------------------|--|--|--|--|--|--|------------------|---------------------|----------------------|--|-------------------------|--|------------------|--|------------------|--|
| Stand          | Fiscal Year | Project Number | Project Name                                          |  |  |  |  |  |  | Removed          | Suitable BA Removed | Acreage Removed      |  | Removed                 |  | Acreage Removed  |  | BA Removed       |  |
| O0717          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 5.23             |  | 222.28           |  |
| O0727          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 5.62             |  | 244.47           |  |
| O0729          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 1.28             |  | 50.56            |  |
| O0731          | 2009        | 65033          | Fire and Movement Range (FM2)                         |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 7.40             |  | 210.90           |  |
| O0731          | 2009        | 65033          | Access Road Fire and Movement Range (FM2)             |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 1.73             |  | 49.31            |  |
| O0731          | 2009        | 65033          | Construction Limits for Fire and Movement Range (FM2) |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 18.04            |  | 514.14           |  |
| pp75*          | 2009        | 65033          | Fire and Movement Range (FM2)                         |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 0.18             |  | 0.00             |  |
| pp75*          | 2009        | 65033          | Construction Limits Fire and Movement Range (FM2)     |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 2.29             |  | 0.00             |  |
| pp76*          | 2009        | 65033          | Fire and Movement Range (FM2)                         |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 0.61             |  | 0.00             |  |
| pp76*          | 2009        | 65033          | Construction Limits Fire and Movement Range (FM2)     |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 4.96             |  | 0.00             |  |
| pp1061*        | 2009        | 65033          | Construction Limits Fire and Movement Range (FM2)     |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 0.01             |  | 0.00             |  |
| 2009 SUB-TOTAL |             |                |                                                       |  |  |  |  |  |  | 0.00             | 0.00                | 0.00                 |  | 0.00                    |  | 47.35            |  | 1,291.66         |  |
| O0731          | 2011        | 65033          | Beaten Area for Fire and Movement Range (FM2)         |  |  |  |  |  |  |                  |                     |                      |  |                         |  | 2.79             |  | 79.52            |  |
| 2011 SUB-TOTAL |             |                |                                                       |  |  |  |  |  |  | 0.00             | 0.00                | 0.00                 |  | 0.00                    |  | 2.79             |  | 79.52            |  |
| TOTAL REMOVALS |             |                |                                                       |  |  |  |  |  |  | 0.00             | 0.00                | 0.00                 |  | 0.00                    |  | 50.14            |  | 1,371.18         |  |

| POST-PROJECT                 |        |          |  | 2009   |          | 2011   |          |
|------------------------------|--------|----------|--|--------|----------|--------|----------|
|                              | Acres  | BA       |  | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 0.00   | 0.00     |  | 0.00   | 0.00     | 0.00   | 0.00     |
| Potentially Suitable Habitat | 0.00   | 0.00     |  | 0.00   | 0.00     | 0.00   | 0.00     |
| Future Potential Habitat     | 180.72 | 5,542.58 |  | 177.93 | 5,463.06 | 180.72 | 5,542.58 |
| TOTAL                        | 180.72 | 5,542.58 |  | 177.93 | 5,463.06 | 180.72 | 5,542.58 |

| Key:                                                                                                                                                                         | Type Burn                                  | Suitability              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | 0=no data available                        | CS= currently suitable   |
| dbh= diameter at breast height                                                                                                                                               | 1=non-growing season                       | PS= potentially suitable |
| hwd= hardwood                                                                                                                                                                | 2=growing season                           | NH= non-habitat          |
| hgc= herbaceous ground cover                                                                                                                                                 |                                            |                          |
|                                                                                                                                                                              |                                            |                          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                               |                          |
| 1 = low, sparse                                                                                                                                                              | 13 = Loblolly Pine-Hardwood                |                          |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation             |                          |
| 3 = low, dense                                                                                                                                                               | 31 = Loblolly Pine                         |                          |
| 4 = medium, sparse                                                                                                                                                           | 66** = Oak-Hickory (managed for hardwoods) |                          |
| 5 = tall, sparse                                                                                                                                                             |                                            |                          |
| 6 = medium, moderate                                                                                                                                                         |                                            |                          |
| 7 = tall, moderate                                                                                                                                                           |                                            |                          |
| 8 = medium, dense                                                                                                                                                            |                                            |                          |
| 9 = tall, dense                                                                                                                                                              |                                            |                          |
|                                                                                                                                                                              |                                            |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                            |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                            |                          |

Appendix Table H-223. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **007-03R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| K0304       | 0.47  | 44       | 22P         | 18.24                | 7.00              | 53.86                 | 38.50              | 14.51               | 19.00            | 2.69                | 1.19                 | 0.69               | 2.00            | 57.50            | 66.50                         | 1                            | 27      | 3            | 3                               | 1         | 1                  | 0.47             | 27.03       |                              |                         | 7.41                     | 151.91              |
| K0401       | 7.41  | 59       | 21          | 18.49                | 5.00              | 7.40                  | 5.00               | 9.46                | 15.50            | 1.11                | 9.44                 | 4.64               | 12.50           | 20.50            | 38.00                         | 1                            | 21      | 46           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| K0407       | 27.97 | 45       | 31          | 36.69                | 11.50             | 23.54                 | 15.50              | 13.56               | 20.50            | 1.36                | 1.71                 | 0.00               | 1.00            | 36.00            | 48.50                         | 2                            | 24      | 4            | 3                               | 1         | 1                  | 27.97            | 1,006.92    | 0.32                         | 15.49                   |                          |                     |
| K0409       | 0.32  | 44       | 31          | 100.72               | 29.47             | 53.88                 | 36.84              | 9.95                | 11.58            | 1.86                | 0.55                 | 0.47               | 1.05            | 48.42            | 78.95                         | 1                            | 32      | 2            | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O0411       | 0.47  | 45       | 26S         | 19.27                | 6.50              | 16.93                 | 12.00              | 4.87                | 6.00             | 49.86               | 6.22                 | 1.31               | 6.50            | 18.00            | 31.00                         | 7                            | 10      | 26           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.47                     | 8.46                |
| O0742       | 17.97 | 62       | 25          | 24.90                | 10.00             | 18.38                 | 12.86              | 10.35               | 14.76            | 5.48                | 2.76                 | 2.26               | 5.24            | 27.62            | 42.86                         | 6                            | 18      | 15           | 3                               | 1         | 0                  |                  |             |                              |                         | 17.97                    | 496.33              |
| O0743       | 63.73 | 64       | 31          | 16.60                | 5.00              | 19.94                 | 14.50              | 12.81               | 18.50            | 3.82                | 6.66                 | 0.45               | 5.00            | 33.00            | 43.00                         | 6                            | 23      | 18           | 3                               | 1         | 0                  |                  |             | 63.73                        | 2,103.09                |                          |                     |
| O0744       | 24.12 | 59       | 31          | 11.74                | 4.00              | 17.52                 | 11.50              | 9.10                | 15.00            | 5.97                | 3.00                 | 2.77               | 6.50            | 26.50            | 37.00                         | 2                            | 35      | 18           | 3                               | 1         | 0                  |                  |             |                              |                         | 24.12                    | 639.18              |
| O0748       | 40.05 | 49       | 31          | 20.36                | 6.50              | 25.05                 | 17.50              | 8.69                | 12.00            | 13.50               | 2.61                 | 0.34               | 2.00            | 29.50            | 38.00                         | 6                            | 19      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 40.05                    | 1,181.48            |
| O0752       | 44.84 | 72       | 21          | 8.80                 | 3.00              | 9.69                  | 6.50               | 11.85               | 18.50            | 6.36                | 0.00                 | 0.00               | 0.00            | 25.00            | 28.00                         | 2                            | 40      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 44.84                    | 1,121.00            |
| O0753       | 11.28 | 72       | 31          | 6.79                 | 2.50              | 6.11                  | 5.00               | 14.67               | 25.63            | 3.94                | 4.14                 | 1.98               | 5.63            | 30.63            | 38.75                         | 8                            | 34      | 23           | 3                               | 1         | 0                  |                  |             | 11.28                        | 345.51                  |                          |                     |
| O0754       | 23.84 | 53       | 31          | 10.13                | 4.00              | 32.60                 | 22.50              | 10.28               | 13.50            | 2.47                | 0.66                 | 0.00               | 0.50            | 36.00            | 40.50                         | 2                            | 41      | 2            | 3                               | 1         | 1                  | 23.84            | 858.24      |                              |                         |                          |                     |
| O0756       | 15.05 | 49       | 31P         | 20.12                | 6.00              | 20.49                 | 16.50              | 27.44               | 37.50            | 1.27                | 0.97                 | 0.00               | 0.50            | 54.00            | 60.50                         | 1                            | 30      | 2            | 3                               | 1         | 1                  | 15.05            | 812.70      |                              |                         |                          |                     |
| O0761       | 31.44 | 69       | 31          | 9.56                 | 3.16              | 7.30                  | 5.26               | 12.04               | 20.00            | 4.07                | 1.68                 | 3.38               | 6.32            | 25.26            | 34.74                         | 8                            | 40      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 31.44                    | 794.17              |
| O0763       | 6.69  | 47       | 31          | 45.66                | 12.00             | 12.89                 | 8.00               | 12.05               | 20.00            | 0.00                | 3.82                 | 0.00               | 2.00            | 28.00            | 42.00                         | 1                            | 38      | 13           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.69                     | 187.32              |
| O0904       | 0.06  | 48       | 31          | 54.00                | 17.00             | 19.96                 | 14.00              | 8.68                | 11.50            | 12.99               | 7.55                 | 0.93               | 7.00            | 25.50            | 49.50                         | 7                            | 27      | 23           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.06                     | 1.53                |
| O0906       | 5.83  | 51       | 31          | 40.34                | 13.53             | 31.51                 | 21.18              | 8.96                | 12.35            | 4.30                | 3.06                 | 1.10               | 4.12            | 33.53            | 51.18                         | 1                            | 22      | 9            | 3                               | 1         | 1                  | 5.83             | 195.48      |                              |                         |                          |                     |
| O0910       | 0.01  | 95       | 21          | 11.45                | 3.50              | 6.87                  | 5.00               | 22.85               | 35.00            | 19.02               | 3.71                 | 1.99               | 6.00            | 40.00            | 49.50                         | 1                            | 33      | 16           | 3                               | 1         | 1                  | 0.01             | 0.40        |                              |                         |                          |                     |
| pp272*      | 0.75  | 10       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.75                     | 0.00                |
| pp353*      | 4.15  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.15                     | 0.00                |
| pp354*      | 9.61  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 9.61                     | 0.00                |
| pp746*      | 7.92  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 7.92                     | 0.00                |
| pp951*      | 2.15  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.15                     | 0.00                |
| 346.13      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 73.17            | 2,900.77    | 75.33                        | 2,464.09                | 197.63                   | 4,581.38            |

| REMOVALS              |             |                |                                     |                          |                     |                                      |                                 |                                  |                             |
|-----------------------|-------------|----------------|-------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                        | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| K0304                 | 2009        | 65554          | Construct Training Area Roads Paved | 0.25                     | 14.38               |                                      |                                 |                                  |                             |
| K0401                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 1.54                             | 31.57                       |
| K0407                 | 2009        | 65554          | Construct Training Area Roads Paved | 6.53                     | 235.08              |                                      |                                 |                                  |                             |
| O0744                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 0.07                             | 1.86                        |
| O0752                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 0.91                             | 22.75                       |
| O0756                 | 2009        | 65554          | Construct Training Area Roads Paved | 0.70                     | 37.80               |                                      |                                 |                                  |                             |
| O0761                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 5.06                             | 127.82                      |
| O0763                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 1.68                             | 47.04                       |
| O0904                 | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 0.06                             | 1.53                        |
| O0906                 | 2009        | 65554          | Construct Training Area Roads Paved | 1.86                     | 62.37               |                                      |                                 |                                  |                             |
| pp353*                | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 0.51                             | 0.00                        |
| pp354*                | 2009        | 65554          | Construct Training Area Roads Paved |                          |                     |                                      |                                 | 1.00                             | 0.00                        |
| <b>TOTAL REMOVALS</b> |             |                |                                     | <b>9.34</b>              | <b>349.63</b>       | <b>0.00</b>                          | <b>0.00</b>                     | <b>10.83</b>                     | <b>232.57</b>               |

| POST-PROJECT                 |               |                 |
|------------------------------|---------------|-----------------|
|                              | 2009          |                 |
| Suitable Habitat             | Acres         | BA              |
|                              | <b>63.83</b>  | <b>2,551.14</b> |
| Potentially Suitable Habitat | <b>75.33</b>  | <b>2,464.09</b> |
| Future Potential Habitat     | <b>186.80</b> | <b>4,348.81</b> |
| TOTAL                        | <b>325.96</b> | <b>9,364.04</b> |

|                                                                                  |                                     |              |
|----------------------------------------------------------------------------------|-------------------------------------|--------------|
| <b>Key:</b>                                                                      |                                     |              |
| BA= basal area                                                                   | Type Burn                           | Stand Score  |
| dbh= diameter at breast height                                                   | 0=no data available                 | 0=Unsuitable |
| hwd= hardwood                                                                    | 1=non-growing season                | 1=Suitable   |
| hgc= herbaceous ground cover                                                     | 2=growing season                    |              |
| Hardwood Midstory:                                                               | Forest Type:                        |              |
| 1 = low, sparse                                                                  | 21 = Longleaf Pine                  |              |
| 2 = low, moderate                                                                | 21P = Longleaf Pine Plantation      |              |
| 3 = low, dense                                                                   | 22P = Slash Pine Plantation         |              |
| 4 = medium, sparse                                                               | 25 = Mixed Pine                     |              |
| 5 = tall, sparse                                                                 | 26S = Mixed Pine-Longleaf Scrub Oak |              |
| 6 = medium, moderate                                                             | 31 = Loblolly Pine                  |              |
| 7 = tall, moderate                                                               | 31P = Loblolly Pine Plantation      |              |
| 8 = medium, dense                                                                |                                     |              |
| 9 = tall, dense                                                                  |                                     |              |
| *Note: No pine data was taken for pine plantation stands less than 30 years old. |                                     |              |

Appendix Table H-224. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **007-03R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |          | Pine        |                      |                   |                       |                    |                     |                  |                     |                      |                    | Hwd             |                  | Hwd               |                | Total Stand |              | Hwd             |           | Number of years |             | Matrix           |             | Potentially                  |                         | Future                   |                     | Future |  |
|-------------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------|----------------|-------------|--------------|-----------------|-----------|-----------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--------|--|
| Stand       | Pine Age | Forest Type | Pine Stems 4-10' dbh | Pine BA 4-10' dbh | Pine Stems 10-14' dbh | Pine BA 10-14' dbh | Pine stems >14' dbh | Pine BA >14' dbh | Hwd Stems 4-10' dbh | Hwd Stems 10-14' dbh | Hwd Stems >14' dbh | Hwd BA >14' dbh | Pine BA >10' dbh | BA (Pines + Hwds) | Height Density | HGC (%)     | % Hwd Canopy | since last burn | Burn Type | Stand Score     | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |        |  |
| K0304       | 0.47     | 44          | 22P                  | 18.24             | 7.00                  | 53.86              | 38.50               | 14.51            | 19.00               | 2.69                 | 1.19               | 0.69            | 2.00             | 57.50             | 66.50          | 1           | 27           | 3               | 3         | 1               | 4.08        | PS               |             |                              | 0.47                    | 27.03                    |                     |        |  |
| K0401       | 7.41     | 59          | 21                   | 18.49             | 5.00                  | 7.40               | 5.00                | 9.46             | 15.50               | 1.11                 | 9.44               | 4.64            | 12.50            | 20.50             | 38.00          | 1           | 21           | 46              | 3         | 1               | 3.66        | PS               |             |                              | 7.41                    | 151.91                   |                     |        |  |
| K0407       | 27.97    | 45          | 31                   | 36.69             | 11.50                 | 23.54              | 15.50               | 13.56            | 20.50               | 1.36                 | 1.71               | 0.00            | 1.00             | 36.00             | 48.50          | 2           | 24           | 4               | 3         | 1               | 4.10        | PS               |             |                              | 27.97                   | 1,006.92                 |                     |        |  |
| K0409       | 0.32     | 44          | 31                   | 100.72            | 29.47                 | 53.88              | 36.84               | 9.95             | 11.58               | 1.86                 | 0.55               | 0.47            | 1.05             | 48.42             | 78.95          | 1           | 32           | 2               | 3         | 1               | 3.76        | PS               |             |                              | 0.32                    | 15.49                    |                     |        |  |
| K0411       | 0.47     | 45          | 26S                  | 19.27             | 6.50                  | 16.93              | 12.00               | 4.87             | 6.00                | 49.86                | 6.22               | 1.31            | 6.50             | 18.00             | 31.00          | 7           | 10           | 26              | 3         | 1               | 2.51        | PS               |             |                              | 0.47                    | 8.46                     |                     |        |  |
| O0742       | 17.97    | 62          | 25                   | 16.90             | 10.00                 | 18.38              | 12.86               | 10.35            | 14.76               | 5.48                 | 2.76               | 2.26            | 5.24             | 27.62             | 42.86          | 6           | 18           | 15              | 3         | 1               | 3.46        | PS               |             |                              | 17.97                   | 496.33                   |                     |        |  |
| O0743       | 63.73    | 64          | 31                   | 24.50             | 5.00                  | 19.94              | 64.50               | 12.81            | 18.50               | 3.82                 | 6.66               | 0.45            | 5.00             | 33.00             | 43.00          | 6           | 23           | 18              | 3         | 1               | 3.80        | PS               |             |                              | 63.73                   | 2,103.09                 |                     |        |  |
| O0744       | 9.10     | 59          | 31                   | 24.12             | 59                    | 31                 | 11.74               | 4.00             | 17.52               | 11.50                | 9.10               | 15.00           | 2.77             | 6.50              | 37.00          | 2           | 35           | 18              | 3         | 1               | 3.89        | PS               |             |                              | 24.12                   | 639.18                   |                     |        |  |
| O0748       | 40.05    | 49          | 31                   | 20.36             | 6.50                  | 25.05              | 17.50               | 8.69             | 12.00               | 13.50                | 2.61               | 0.34            | 2.00             | 29.50             | 38.00          | 6           | 19           | 8               | 3         | 1               | 3.19        | PS               |             |                              | 40.05                   | 1,181.48                 |                     |        |  |
| O0752       | 44.84    | 72          | 21                   | 8.80              | 3.00                  | 9.69               | 6.50                | 11.85            | 18.50               | 6.36                 | 0.00               | 0.00            | 0.00             | 25.00             | 28.00          | 2           | 40           | 0               | 3         | 1               | 4.25        | PS               |             |                              | 44.84                   | 1,121.00                 |                     |        |  |
| O0753       | 11.28    | 72          | 31                   | 6.79              | 2.50                  | 6.11               | 5.00                | 14.67            | 25.63               | 3.94                 | 4.14               | 1.98            | 5.63             | 30.63             | 38.75          | 8           | 34           | 23              | 3         | 1               | 4.03        | PS               |             |                              | 11.28                   | 345.51                   |                     |        |  |
| O0754       | 23.84    | 53          | 31                   | 10.13             | 4.00                  | 32.60              | 22.50               | 10.28            | 13.50               | 2.47                 | 0.66               | 0.00            | 0.50             | 36.00             | 40.50          | 2           | 41           | 2               | 3         | 1               | 4.08        | PS               |             |                              | 23.84                   | 858.24                   |                     |        |  |
| O0756       | 15.05    | 49          | 31P                  | 20.12             | 6.00                  | 20.49              | 16.50               | 27.44            | 37.50               | 1.27                 | 0.97               | 0.00            | 0.50             | 54.00             | 60.50          | 1           | 30           | 2               | 3         | 1               | 4.42        | PS               |             |                              | 15.05                   | 812.70                   |                     |        |  |
| O0761       | 31.44    | 69          | 31                   | 3.16              | 9.56                  | 3.16               | 12.86               | 7.20             | 4.07                | 1.68                 | 7.44               | 3.26            | 3.26             | 34.74             | 34.74          | 2           | 31           | 32              | 3         | 1               | 3.92        | PS               |             |                              | 31.44                   | 794.17                   |                     |        |  |
| O0763       | 6.69     | 47          | 31                   | 45.66             | 12.00                 | 12.89              | 8.00                | 12.05            | 20.00               | 0.00                 | 3.82               | 0.00            | 2.00             | 28.00             | 42.00          | 1           | 38           | 13              | 3         | 1               | 3.96        | PS               |             |                              | 6.69                    | 187.32                   |                     |        |  |
| O0904       | 0.06     | 48          | 31                   | 54.00             | 17.00                 | 19.96              | 14.00               | 8.68             | 11.50               | 12.99                | 7.55               | 0.93            | 7.00             | 25.50             | 49.50          | 7           | 27           | 23              | 3         | 1               | 2.91        | PS               |             |                              | 0.06                    | 1.53                     |                     |        |  |
| O0906       | 5.83     | 51          | 31                   | 40.34             | 13.53                 | 31.51              | 21.18               | 8.96             | 12.35               | 4.30                 | 3.06               | 1.10            | 4.12             | 33.53             | 51.18          | 1           | 22           | 9               | 3         | 1               | 3.49        | PS               |             |                              | 5.83                    | 195.48                   |                     |        |  |
| O0910       | 0.01     | 95          | 21                   | 11.45             | 3.50                  | 6.87               | 5.00                | 22.85            | 35.00               | 19.02                | 3.71               | 1.99            | 6.00             | 40.00             | 49.50          | 1           | 33           | 16              | 3         | 1               | 4.62        | CS               | 0.01        | 0.40                         |                         |                          |                     |        |  |
| pp272*      | 0.75     | 10          | 21P                  | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00              | 0.00           | 0           | 0            | 0               | 0         | 0               | 1.91        | NH               |             |                              | 0.75                    | 0.00                     |                     |        |  |
| pp353*      | 4.15     | 11          | 21P                  | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00              | 0.00           | 0           | 0            | 0               | 0         | 0               | 1.91        | NH               |             |                              | 4.15                    | 0.00                     |                     |        |  |
| pp354*      | 9.61     | 11          | 21P                  | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00              | 0.00           | 0           | 0            | 0               | 0         | 0               | 1.91        | NH               |             |                              | 9.61                    | 0.00                     |                     |        |  |
| pp746*      | 7.92     | 4           | 21P                  | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00              | 0.00           | 0           | 0            | 0               | 0         | 0               | 1.91        | NH               |             |                              | 7.92                    | 0.00                     |                     |        |  |
| pp951*      | 2.15     | 1           | 21P                  | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00              | 0.00           | 0           | 0            | 0               | 0         | 0               | 1.91        | NH               |             |                              | 2.15                    | 0.00                     |                     |        |  |
| 346.13      |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                   |                |             |              |                 |           |                 |             | 0.01             | 0.40        | 0.00                         | 0.00                    | 346.12                   | 9,945.80            |        |  |

| REMOVALS       |        |         |                                     |                  |                     |                      |                         |                  |                    |
|----------------|--------|---------|-------------------------------------|------------------|---------------------|----------------------|-------------------------|------------------|--------------------|
|                | Fiscal | Project |                                     | Suitable Acreage |                     | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential B |
| Stand          | Year   | Number  | Project Name                        | Removed          | Suitable BA Removed | Acreage Removed      | Removed                 | Acreage Removed  | Removed            |
| K0304          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 0.25             | 14.38              |
| K0401          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 1.54             | 31.57              |
| K0407          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 6.53             | 226.08             |
| O0744          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 0.07             | 1.86               |
| O0752          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 0.91             | 22.75              |
| O0756          | 2009   | 65554   | Construct Training Area Roads Paver |                  |                     |                      |                         | 0.70             | 37.80              |
| O0761          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 5.06             | 127.82             |
| O0763          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 1.68             | 47.04              |
| O0904          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 0.06             | 1.53               |
| O0906          | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 1.86             | 62.37              |
| pp353*         | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 0.51             | 0.00               |
| pp354*         | 2009   | 65554   | Construct Training Area Roads Paved |                  |                     |                      |                         | 1.00             | 0.00               |
| TOTAL REMOVALS |        |         |                                     | 0.00             | 0.00                | 0.00                 | 0.00                    | 20.17            | 582.20             |

| <u>POST-PROJECT</u>                 | <u>2009</u>   |                 |
|-------------------------------------|---------------|-----------------|
|                                     | <u>Acres</u>  | <u>BA</u>       |
| <u>Suitable Habitat</u>             | 0.01          | 0.40            |
| <u>Potentially Suitable Habitat</u> | 0.00          | 0.00            |
| <u>Future Potential Habitat</u>     | <u>325.95</u> | <u>9,363.64</u> |
| <b>TOTAL</b>                        | 325.96        | 9,364.04        |

| Key:                           | Type Burn                           | Suitability              |
|--------------------------------|-------------------------------------|--------------------------|
| BA= basal area                 | 0=no data available                 | CS= currently suitable   |
| dbh= diameter at breast height | 1=non-growing season                | PS= potentially suitable |
| hwd= hardwood                  | 2=growing season                    | NH= non-habitat          |
| hgc= herbaceous ground cover   |                                     |                          |
| Hardwood Midstory:             | Forest Type:                        |                          |
| 1 = low, sparse                | 21 = Longleaf Pine                  |                          |
| 2 = low, moderate              | 21P = Longleaf Pine Plantation      |                          |
| 3 = low, dense                 | 22P = Slash Pine Plantation         |                          |
| 4 = medium, sparse             | 25 = Mixed Pine                     |                          |
| 5 = tall, sparse               | 26S = Mixed Pine-Longleaf Scrub Oak |                          |
| 6 = medium, moderate           | 31 = Loblolly Pine                  |                          |
| 7 = tall, moderate             | 31P = Loblolly Pine Plantation      |                          |
| 8 = medium, dense              |                                     |                          |
| 9 = tall, dense                |                                     |                          |

\* **Note:** No pine data was taken for pine plantation stands less than 30 years old.

Appendix Table H-225. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O08-01F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0749       | 9.10   | 86       | 31          | 22.29                | 6.36              | 11.47                 | 9.09               | 4.98                | 9.09             | 7.88                 | 1.35                  | 1.38                | 3.64            | 18.18            | 28.18                         | 7                             | 35      | 14            | 3                               | 1         | 0                  |                  |             |                              |                         | 9.10                     | 165.44              |
| O0759       | 23.36  | 86       | 31          | 14.52                | 4.00              | 13.27                 | 10.00              | 16.03               | 27.50            | 46.63                | 6.50                  | 10.96               | 22.00           | 37.50            | 63.50                         | 7                             | 9       | 37            | 3                               | 1         | 0                  |                  |             | 23.36                        | 876.00                  |                          |                     |
| O0760       | 4.57   | 51       | 31          | 31.15                | 8.00              | 14.48                 | 10.00              | 12.15               | 16.50            | 12.07                | 0.63                  | 2.13                | 4.50            | 26.50            | 39.00                         | 1                             | 35      | 9             | 3                               | 1         | 0                  |                  |             |                              |                         | 4.57                     | 121.11              |
| O0803       | 101.10 | 81       | 31          | 15.67                | 5.00              | 7.08                  | 5.00               | 12.49               | 22.00            | 2.60                 | 0.72                  | 2.77                | 6.00            | 27.00            | 38.00                         | 1                             | 31      | 15            | 3                               | 1         | 0                  |                  |             |                              |                         | 101.10                   | 2,729.70            |
| O0803       | 0.03   | 81       | 31U         | 15.67                | 5.00              | 7.08                  | 5.00               | 12.49               | 22.00            | 2.60                 | 0.72                  | 2.77                | 6.00            | 27.00            | 38.00                         | 1                             | 31      | 15            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.03                     | 0.81                |
| O0810       | 0.01   | 62       | 31          | 26.74                | 8.57              | 15.41                 | 11.43              | 12.54               | 18.10            | 2.20                 | 0.00                  | 0.41                | 0.95            | 29.52            | 39.05                         | 1                             | 33      | 1             | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0811       | 0.38   | 63       | 31          | 8.54                 | 3.33              | 18.63                 | 13.89              | 14.77               | 21.67            | 23.17                | 3.02                  | 1.14                | 3.89            | 35.56            | 42.78                         | 1                             | 23      | 11            | 3                               | 1         | 1                  | 0.38             | 13.51       |                              |                         |                          |                     |
| O0822       | 30.50  | 81       | 21U         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 3                               | 1         | 0                  |                  |             |                              |                         | 30.50                    | 0.00                |
| O0901       | 26.50  | 47       | 31          | 56.65                | 16.00             | 26.28                 | 18.00              | 8.53                | 11.50            | 6.05                 | 5.73                  | 1.65                | 6.50            | 29.50            | 52.00                         | 6                             | 29      | 17            | 3                               | 1         | 0                  |                  |             |                              |                         | 26.50                    | 781.75              |
| O0904       | 0.01   | 48       | 31          | 54.00                | 17.00             | 19.96                 | 14.00              | 8.68                | 11.50            | 12.99                | 7.55                  | 0.93                | 7.00            | 25.50            | 49.50                         | 7                             | 27      | 23            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0908       | 12.68  | 112      | 31          | 21.80                | 7.50              | 14.15                 | 11.00              | 14.82               | 20.50            | 3.52                 | 1.38                  | 0.00                | 1.00            | 31.50            | 40.00                         | 2                             | 37      | 5             | 3                               | 1         | 1                  | 12.68            | 399.42      |                              |                         |                          |                     |
| O0913       | 0.02   | 36       | 31          | 61.32                | 19.50             | 19.95                 | 14.00              | 5.71                | 8.50             | 6.23                 | 1.77                  | 2.77                | 5.50            | 22.50            | 47.50                         | 2                             | 22      | 15            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.02                     | 0.45                |
| O0954       | 10.10  | 51       | 31          | 63.61                | 17.00             | 40.07                 | 29.00              | 18.65               | 23.50            | 9.49                 | 0.56                  | 0.65                | 1.50            | 52.50            | 71.00                         | 6                             | 30      | 2             | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |
| pp355*      | 2.79   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp357*      | 4.19   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 4.19                     | 0.00                |
| pp358*      | 1.17   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 1.17                     | 0.00                |
| pp359*      | 6.49   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 6.49                     | 0.00                |
| pp360*      | 2.42   | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 2.42                     | 0.00                |
| pp817*      | 13.88  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp919*      | 6.41   | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 6.41                     | 0.00                |
| 255.71      |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    | 13.06            | 412.93      | 23.36                        | 876.00                  | 192.50                   | 3,799.26            |

| REMOVALS       |             |                |                                              |  |  |  |  |  |  | SUITABLE ACRES           |                     |                                      |                                 |                                  |                             | POTENTIALLY SUITABLE |  |  |  |  |  | FUTURE POTENTIAL |  |
|----------------|-------------|----------------|----------------------------------------------|--|--|--|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|----------------------|--|--|--|--|--|------------------|--|
| Stand          | Fiscal Year | Project Number | Project Name                                 |  |  |  |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |                      |  |  |  |  |  |                  |  |
| O0760          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  |                          |                     |                                      |                                 | 0.68                             | 18.02                       |                      |  |  |  |  |  |                  |  |
| O0803          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  |                          |                     |                                      |                                 | 3.90                             | 105.30                      |                      |  |  |  |  |  |                  |  |
| O0811          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  | 0.12                     | 4.27                |                                      |                                 |                                  |                             |                      |  |  |  |  |  |                  |  |
| O0822          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  |                          |                     |                                      |                                 | 0.76                             | 0.00                        |                      |  |  |  |  |  |                  |  |
| O0901          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  |                          |                     |                                      |                                 | 3.46                             | 102.07                      |                      |  |  |  |  |  |                  |  |
| O0908          | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  | 2.93                     | 92.30               |                                      |                                 |                                  |                             |                      |  |  |  |  |  |                  |  |
| pp359*         | 2009        | 65554          | Construct Training Area Roads Paved          |  |  |  |  |  |  |                          |                     |                                      |                                 | 0.82                             | 0.00                        |                      |  |  |  |  |  |                  |  |
| 2009 SUB-TOTAL |             |                |                                              |  |  |  |  |  |  | 3.05                     | 96.57               | 0.00                                 | 0.00                            | 9.62                             | 225.39                      |                      |  |  |  |  |  |                  |  |
| O0749          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |  |  |  |                          |                     |                                      |                                 | 0.31                             | 5.64                        |                      |  |  |  |  |  |                  |  |
| O0759          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |  |  |  |                          |                     |                                      | 3.48                            | 130.50                           |                             |                      |  |  |  |  |  |                  |  |
| pp359*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |  |  |  |                          |                     |                                      |                                 | 1.53                             | 0.00                        |                      |  |  |  |  |  |                  |  |
| pp360*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |  |  |  |  |  |  |                          |                     |                                      |                                 | 1.47                             | 0.00                        |                      |  |  |  |  |  |                  |  |
| 2010 SUB-TOTAL |             |                |                                              |  |  |  |  |  |  | 0.00                     | 0.00                | 3.48                                 | 130.50                          | 3.31                             | 5.64                        |                      |  |  |  |  |  |                  |  |
| TOTAL REMOVALS |             |                |                                              |  |  |  |  |  |  | 3.05                     | 96.57               | 3.48                                 | 130.50                          | 12.93                            | 231.03                      |                      |  |  |  |  |  |                  |  |

| POST-PROJECT     |                              |                          |       |        |          | 2009             |                              |                          |       |        |          | 2010             |                              |                          |       |        |          |
|------------------|------------------------------|--------------------------|-------|--------|----------|------------------|------------------------------|--------------------------|-------|--------|----------|------------------|------------------------------|--------------------------|-------|--------|----------|
| Suitable Habitat | Potentially Suitable Habitat | Future Potential Habitat | TOTAL | Acres  | BA       | Suitable Habitat | Potentially Suitable Habitat | Future Potential Habitat | TOTAL | Acres  | BA       | Suitable Habitat | Potentially Suitable Habitat | Future Potential Habitat | TOTAL | Acres  | BA       |
|                  |                              |                          |       | 10.01  | 316.36   |                  |                              |                          |       | 10.01  | 316.36   |                  |                              |                          |       | 10.01  | 316.36   |
|                  |                              |                          |       | 23.36  | 876.00   |                  |                              |                          |       | 19.88  | 745.50   |                  |                              |                          |       | 19.88  | 745.50   |
|                  |                              |                          |       | 182.88 | 3,573.87 |                  |                              |                          |       | 179.57 | 3,568.23 |                  |                              |                          |       | 179.57 | 3,568.23 |
|                  |                              |                          |       | 216.25 | 4,766.23 |                  |                              |                          |       | 209.46 | 4,630.09 |                  |                              |                          |       | 209.46 | 4,630.09 |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1= low, sparse  
2= low, moderate  
3= low, dense  
4= medium, sparse  
5= tall, sparse  
6= medium, moderate  
7= tall, moderate  
8= medium, dense  
9= tall, dense

Forest Type:  
21P = Longleaf Pine Plantation  
21U = Longleaf Pine Plantation Underplanted  
31U = Loblolly Pine Underplanted

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-226. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O08-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0749       | 9.10   | 86       | 31          | 22.29                | 6.36              | 11.47                 | 9.09               | 4.98                | 9.09             | 7.88                 | 1.35                  | 1.38                | 3.64            | 18.18            | 28.18                         | 7                             | 35      | 14           | 3                               | 1         | 3.10               | PS          |                  |             |                              |                         | 9.10                     | 165.44              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0759       | 23.36  | 86       | 31          | 14.52                | 4.00              | 13.27                 | 10.00              | 16.03               | 27.50            | 46.63                | 6.50                  | 10.96               | 22.00           | 37.50            | 63.50                         | 7                             | 9       | 37           | 3                               | 1         | 3.65               | PS          |                  |             |                              |                         | 23.36                    | 876.00              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0760       | 4.57   | 51       | 31          | 31.15                | 8.00              | 14.48                 | 10.00              | 12.15               | 16.50            | 12.07                | 0.63                  | 2.13                | 4.50            | 26.50            | 39.00                         | 1                             | 35      | 9            | 3                               | 1         | 3.99               | PS          |                  |             |                              |                         | 4.57                     | 121.11              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0803       | 101.10 | 81       | 31          | 15.67                | 5.00              | 7.08                  | 5.00               | 12.49               | 22.00            | 2.60                 | 0.72                  | 2.77                | 6.00            | 27.00            | 38.00                         | 1                             | 31      | 15           | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 101.10                   | 2,729.70            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0803       | 0.03   | 81       | 31U         | 15.67                | 5.00              | 7.08                  | 5.00               | 12.49               | 22.00            | 2.60                 | 0.72                  | 2.77                | 6.00            | 27.00            | 38.00                         | 1                             | 31      | 15           | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 0.03                     | 0.81                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0810       | 0.01   | 62       | 31          | 26.74                | 8.57              | 15.41                 | 11.43              | 12.54               | 18.10            | 2.20                 | 0.00                  | 0.41                | 0.95            | 29.52            | 39.05                         | 1                             | 33      | 1            | 3                               | 1         | 4.18               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0811       | 0.38   | 63       | 31          | 8.54                 | 3.33              | 18.63                 | 13.89              | 14.77               | 21.67            | 23.17                | 3.02                  | 1.14                | 3.89            | 35.56            | 42.78                         | 1                             | 23      | 11           | 3                               | 1         | 4.38               | PS          |                  |             |                              |                         | 0.38                     | 13.51               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0822       | 30.50  | 81       | 21U         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 3                               | 1         | 2.62               | PS          |                  |             |                              |                         | 30.50                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0901       | 26.50  | 47       | 31          | 56.65                | 16.00             | 26.28                 | 18.00              | 8.53                | 11.50            | 6.05                 | 5.73                  | 1.65                | 6.50            | 29.50            | 52.00                         | 6                             | 29      | 17           | 3                               | 1         | 3.08               | PS          |                  |             |                              |                         | 26.50                    | 781.75              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0904       | 0.01   | 48       | 31          | 54.00                | 17.00             | 19.96                 | 14.00              | 8.68                | 11.50            | 12.99                | 7.55                  | 0.93                | 7.00            | 25.50            | 49.50                         | 7                             | 27      | 23           | 3                               | 1         | 2.91               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0908       | 12.68  | 112      | 31          | 21.80                | 7.50              | 14.15                 | 11.00              | 14.82               | 20.50            | 3.52                 | 1.38                  | 0.00                | 1.00            | 31.50            | 40.00                         | 2                             | 37      | 5            | 3                               | 1         | 4.48               | PS          |                  |             |                              |                         | 12.68                    | 399.42              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0913       | 0.02   | 36       | 31          | 61.32                | 19.50             | 19.95                 | 14.00              | 5.71                | 8.50             | 6.23                 | 1.77                  | 2.77                | 5.50            | 22.50            | 47.50                         | 2                             | 22      | 15           | 3                               | 1         | 3.04               | PS          |                  |             |                              |                         | 0.02                     | 0.45                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0954       | 10.10  | 51       | 31          | 63.61                | 17.00             | 40.07                 | 29.00              | 18.65               | 23.50            | 9.49                 | 0.56                  | 0.65                | 1.50            | 52.50            | 71.00                         | 6                             | 30      | 2            | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp355*      | 2.79   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp357*      | 4.19   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 4.19                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp358*      | 1.17   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.17                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp359*      | 6.49   | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.49                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp360*      | 2.42   | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0.00               | NH          |                  |             |                              |                         | 2.42                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp817*      | 13.88  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp819*      | 6.41   | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.41                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 255.71      |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21P = Longleaf Pine Plantation  
21U = Longleaf Pine Underplanted  
31 = Loblolly Pine  
31U = Loblolly Pine Underplanted

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-227. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Clust **O08-04, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0807       | 11.58 | 0        | 66**        | 8.96                 | 2.50              | 9.13                  | 6.00               | 1.82                | 3.50             | 57.64                | 31.32                 | 7.33                | 32.50           | 9.50             | 44.50                         | 7                             | 21      | 78           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O0808       | 27.76 | 83       | 31          | 22.50                | 6.36              | 5.91                  | 4.09               | 9.76                | 14.09            | 13.83                | 7.32                  | 1.08                | 6.36            | 18.18            | 30.91                         | 6                             | 20      | 35           | 3                               | 1         | 0                  |                  |             |                              |                         | 27.76                    | 504.68              |
| O0810       | 34.41 | 62       | 31          | 26.74                | 8.57              | 15.41                 | 11.43              | 12.54               | 18.10            | 2.20                 | 0.00                  | 0.41                | 0.95            | 29.52            | 39.05                         | 1                             | 33      | 1            | 3                               | 1         | 0                  |                  |             |                              |                         | 34.41                    | 1,015.78            |
| O0811       | 24.61 | 63       | 31          | 8.54                 | 3.33              | 18.63                 | 13.89              | 14.77               | 21.67            | 23.17                | 3.02                  | 1.14                | 3.89            | 35.56            | 42.78                         | 1                             | 23      | 11           | 3                               | 1         | 1                  | 24.61            | 875.13      |                              |                         |                          |                     |
| O0814       | 25.01 | 23       | 31          | 59.59                | 15.00             | 27.94                 | 19.00              | 2.47                | 3.00             | 38.46                | 11.48                 | 1.78                | 11.00           | 22.00            | 48.00                         | 1                             | 17      | 30           | 3                               | 1         | 0                  |                  |             |                              |                         | 25.01                    | 550.22              |
| O0816       | 6.97  | 23       | 31          | 10.22                | 4.00              | 42.12                 | 32.00              | 9.56                | 12.00            | 0.00                 | 0.00                  | 0.00                | 0.00            | 44.00            | 48.00                         | 2                             | 32      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 6.97                     | 306.68              |
| O0819       | 3.82  | 90       | 31          | 61.73                | 18.00             | 12.76                 | 10.00              | 6.25                | 9.50             | 67.54                | 9.89                  | 2.50                | 10.00           | 19.50            | 47.50                         | 1                             | 4       | 39           | 3                               | 1         | 0                  |                  |             |                              |                         | 3.82                     | 74.49               |
| O0913       | 19.09 | 36       | 31          | 61.32                | 19.50             | 19.95                 | 14.00              | 5.71                | 8.50             | 6.23                 | 1.77                  | 2.77                | 5.50            | 22.50            | 47.50                         | 2                             | 22      | 15           | 3                               | 1         | 0                  |                  |             |                              |                         | 19.09                    | 429.53              |
| O0918       | 37.64 | 65       | 21          | 27.41                | 7.65              | 14.93                 | 10.59              | 12.05               | 18.24            | 16.03                | 3.96                  | 4.89                | 9.41            | 28.82            | 45.88                         | 6                             | 25      | 25           | 3                               | 1         | 0                  |                  |             |                              |                         | 37.64                    | 1,084.78            |
| O0919       | 19.08 | 96       | 21          | 28.41                | 8.50              | 23.88                 | 16.50              | 20.05               | 32.00            | 0.00                 | 5.59                  | 0.60                | 5.50            | 48.50            | 62.50                         | 2                             | 35      | 12           | 3                               | 1         | 1                  | 19.08            | 925.38      | 0.80                         | 25.26                   |                          |                     |
| O0928       | 0.80  | 63       | 31          | 81.35                | 24.74             | 31.37                 | 21.58              | 6.96                | 10.00            | 22.27                | 5.83                  | 3.93                | 10.53           | 31.58            | 66.84                         | 9                             | 7       | 20           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O0929       | 0.05  | 63       | 21          | 16.06                | 4.50              | 10.84                 | 8.00               | 11.70               | 17.50            | 4.32                 | 1.65                  | 0.00                | 1.00            | 25.50            | 31.00                         | 2                             | 29      | 7            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.05                     | 1.28                |
| O0953       | 23.80 | 51       | 31          | 27.40                | 9.00              | 31.78                 | 22.00              | 7.29                | 9.50             | 20.51                | 5.30                  | 0.25                | 4.50            | 31.50            | 45.00                         | 7                             | 24      | 12           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O0954       | 9.40  | 51       | 31          | 63.61                | 17.00             | 40.07                 | 29.00              | 18.65               | 23.50            | 9.49                 | 0.56                  | 0.65                | 1.50            | 52.50            | 71.00                         | 6                             | 30      | 2            | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O1001       | 3.01  | 23       | 31P         | 7.38                 | 3.33              | 48.76                 | 33.33              | 5.99                | 6.67             | 0.00                 | 0.00                  | 0.00                | 0.00            | 40.00            | 43.33                         | 8                             | 17      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 3.01                     | 120.40              |
| O1003       | 2.87  | 90       | 31          | 114.52               | 30.00             | 5.37                  | 3.16               | 7.23                | 10.53            | 9.86                 | 0.55                  | 0.00                | 0.53            | 13.68            | 44.21                         | 6                             | 20      | 4            | 3                               | 1         | 0                  |                  |             |                              |                         | 2.87                     | 39.26               |
| pp356*      | 0.89  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.89                     | 0.00                |
| pp748*      | 15.43 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 15.43                    | 0.00                |
| pp801*      | 5.91  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 5.91                     | 0.00                |
| pp802*      | 5.92  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 5.92                     | 0.00                |
| pp817*      | 10.78 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 10.78                    | 0.00                |
| 288.83      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    | 43.69            | 1,800.51    | 34.00                        | 1,268.46                | 199.56                   | 4,127.10            |

| REMOVALS       |             |                |                                      |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0810          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |                                  |                             |
| O0811          | 2009        | 65554          | Construct Training Area Roads, Paved | 3.70                     | 131.57              |                                      |                                 | 2.41                             | 71.14                       |
| O0816          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.91                             | 40.04                       |
| O0913          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 4.49                             | 101.03                      |
| O0918          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 4.52                             | 130.27                      |
| O1001          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 1.07                             | 42.80                       |
| pp748*         | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.70                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                      | 3.70                     | 131.57              | 0.00                                 | 0.00                            | 14.10                            | 385.28                      |

| POST-PROJECT                 |        |          | 2009           |
|------------------------------|--------|----------|----------------|
| Suitable Habitat             | Acres  | BA       | 39.99 1,668.94 |
| Potentially Suitable Habitat | 34.00  | 1,268.46 |                |
| Future Potential Habitat     | 185.46 | 3,741.82 |                |
| TOTAL                        | 259.45 | 6,679.22 |                |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation  
66\*\* = Oak-Hickory

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-228. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O08-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                  |                         |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|------------------|-------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand Hwds | Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0807       | 11.58 | 0        | 66**        | 8.96                 | 2.50               | 9.13                   | 6.00               | 1.82                | 3.50             | 57.64                | 31.32                 | 7.33                | 32.50            | 9.50              | 44.50            | 7                       | 21      | 78           | 3                               | 1         | 2.13               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0808       | 27.76 | 83       | 31          | 22.50                | 6.36               | 5.91                   | 4.09               | 9.76                | 14.09            | 13.83                | 7.32                  | 1.08                | 6.36             | 18.18             | 30.91            | 6                       | 20      | 35           | 3                               | 1         | 3.37               | PS          |                  |             |                              |                         | 27.76                    | 504.68              |
| O0810       | 34.41 | 62       | 31          | 26.74                | 8.57               | 15.41                  | 11.43              | 12.54               | 18.10            | 2.20                 | 0.00                  | 0.41                | 0.95             | 29.52             | 39.05            | 1                       | 33      | 1            | 3                               | 1         | 4.18               | PS          |                  |             |                              |                         | 34.41                    | 1,015.78            |
| O0811       | 24.61 | 63       | 31          | 8.54                 | 3.33               | 18.63                  | 13.89              | 14.77               | 21.67            | 23.17                | 3.02                  | 1.14                | 3.89             | 35.56             | 42.78            | 1                       | 23      | 11           | 3                               | 1         | 4.38               | PS          |                  |             |                              |                         | 24.61                    | 875.13              |
| O0814       | 25.01 | 23       | 31          | 59.59                | 15.00              | 27.94                  | 19.00              | 2.47                | 3.00             | 38.46                | 11.48                 | 1.78                | 11.00            | 22.00             | 48.00            | 1                       | 17      | 30           | 3                               | 1         | 2.34               | NH          |                  |             |                              |                         | 25.01                    | 550.22              |
| O0816       | 6.97  | 23       | 31          | 10.22                | 4.00               | 42.12                  | 32.00              | 9.56                | 12.00            | 0.00                 | 0.00                  | 0.00                | 0.00             | 44.00             | 48.00            | 2                       | 32      | 0            | 3                               | 1         | 3.61               | NH          |                  |             |                              |                         | 6.97                     | 306.68              |
| O0819       | 3.82  | 90       | 31          | 61.73                | 18.00              | 12.76                  | 10.00              | 6.25                | 9.50             | 67.54                | 9.89                  | 2.50                | 10.00            | 19.50             | 47.50            | 1                       | 4       | 39           | 3                               | 1         | 3.01               | PS          |                  |             |                              |                         | 3.82                     | 74.49               |
| O0913       | 19.09 | 36       | 31          | 61.32                | 19.50              | 19.95                  | 14.00              | 5.71                | 8.50             | 6.23                 | 1.77                  | 2.77                | 5.50             | 22.50             | 47.50            | 2                       | 22      | 15           | 3                               | 1         | 3.04               | PS          |                  |             |                              |                         | 19.09                    | 429.53              |
| O0918       | 37.64 | 65       | 21          | 27.41                | 7.65               | 14.93                  | 10.59              | 12.05               | 18.24            | 16.03                | 3.96                  | 4.89                | 9.41             | 28.82             | 45.88            | 6                       | 25      | 25           | 3                               | 1         | 3.66               | PS          |                  |             |                              |                         | 37.64                    | 1,084.78            |
| O0919       | 19.08 | 96       | 21          | 28.41                | 8.50               | 23.88                  | 16.50              | 20.05               | 32.00            | 0.00                 | 5.59                  | 0.60                | 5.50             | 48.50             | 62.50            | 2                       | 35      | 12           | 3                               | 1         | 4.66               | PS          |                  |             | 19.08                        | 925.38                  |                          |                     |
| O0928       | 0.80  | 63       | 31          | 81.35                | 24.74              | 31.37                  | 21.58              | 6.96                | 10.00            | 22.27                | 5.83                  | 3.93                | 10.53            | 31.58             | 66.84            | 9                       | 7       | 20           | 3                               | 1         | 2.62               | PS          |                  |             |                              |                         | 0.80                     | 25.26               |
| O0929       | 0.05  | 63       | 21          | 16.06                | 4.50               | 10.84                  | 8.00               | 11.70               | 17.50            | 4.32                 | 1.65                  | 0.00                | 1.00             | 25.50             | 31.00            | 2                       | 29      | 7            | 3                               | 1         | 4.05               | PS          |                  |             |                              |                         | 0.05                     | 1.28                |
| O0953       | 23.80 | 51       | 31          | 27.40                | 9.00               | 31.78                  | 22.00              | 7.29                | 9.50             | 20.51                | 5.30                  | 0.25                | 4.50             | 31.50             | 45.00            | 7                       | 24      | 12           | 3                               | 1         | 3.10               | PS          |                  |             |                              |                         | 23.80                    | 749.70              |
| O0954       | 9.40  | 51       | 31          | 63.61                | 17.00              | 40.07                  | 29.00              | 18.65               | 23.50            | 9.49                 | 0.56                  | 0.65                | 1.50             | 52.50             | 71.00            | 6                       | 30      | 2            | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 9.40                     | 493.50              |
| O1001       | 3.01  | 23       | 31P         | 7.38                 | 3.33               | 48.76                  | 33.33              | 5.99                | 6.67             | 0.00                 | 0.00                  | 0.00                | 0.00             | 40.00             | 43.33            | 8                       | 17      | 0            | 3                               | 1         | 2.77               | NH          |                  |             |                              |                         | 3.01                     | 120.40              |
| O1003       | 2.87  | 90       | 31          | 114.52               | 30.00              | 5.37                   | 3.16               | 7.23                | 10.53            | 9.86                 | 0.55                  | 0.00                | 0.53             | 13.68             | 44.21            | 6                       | 20      | 4            | 3                               | 1         | 3.33               | PS          |                  |             |                              |                         | 2.87                     | 39.26               |
| pp356*      | 0.89  | 11       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00             | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.89                     | 0.00                |
| pp748*      | 15.43 | 4        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00             | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 15.43                    | 0.00                |
| pp801*      | 5.91  | 4        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00             | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 5.91                     | 0.00                |
| pp802*      | 5.92  | 4        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00             | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 5.92                     | 0.00                |
| pp817*      | 10.78 | 3        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00             | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 10.78                    | 0.00                |
| 288.83      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                  |                         |         |              |                                 |           |                    |             | 0.00             | 0.00        | 19.08                        | 925.38                  | 258.17                   | 6,270.69            |

| REMOVALS       |             |                |                                      |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0810          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 2.41                             | 71.14                       |
| O0811          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 3.70                             | 131.57                      |
| O0816          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.91                             | 40.04                       |
| O0913          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 4.49                             | 101.03                      |
| O0918          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 4.52                             | 130.27                      |
| O1001          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 1.07                             | 42.80                       |
| pp748*         | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.70                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                      | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 17.80                            | 516.85                      |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       | 0.00 |
| Potentially Suitable Habitat | 19.08  | 925.38   |      |
| Future Potential Habitat     | 240.37 | 5,753.89 |      |
| TOTAL                        | 259.45 | 6,679.22 |      |

|                                                                                       |                                |                          |
|---------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| Key:                                                                                  |                                |                          |
| BA= basal area                                                                        | Type Burn                      | Suitability              |
| dbh= diameter at breast height                                                        | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                                                                         | 1=non-growing season           | PS= potentially suitable |
| hgc= herbaceous ground cover                                                          | 2=growing season               | NH= non-habitat          |
| Hardwood Midstory:                                                                    |                                |                          |
| 1 = low, sparse                                                                       | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                     | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                        | 31 = Loblolly Pine             |                          |
| 4 = medium, sparse                                                                    | 31P = Loblolly Pine Plantation |                          |
| 5 = tall, sparse                                                                      | 66** = Oak-Hickory             |                          |
| 6 = medium, moderate                                                                  |                                |                          |
| 7 = tall, moderate                                                                    |                                |                          |
| 8 = medium, dense                                                                     |                                |                          |
| 9 = tall, dense                                                                       |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                |                          |

Appendix Table H-229. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **009-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0914       | 25.02 | 51       | 31          | 64.78                | 18.13             | 28.46                 | 19.38              | 12.79               | 16.25            | 18.50               | 6.38                 | 2.80               | 7.50            | 35.63            | 61.25                         | 2                            | 30      | 18           | 3                               | 1         | 1                  | 25.02            | 891.46      |                              |                         |                          |                     |
| O0915       | 2.41  | 36       | 57**        | 51.04                | 12.00             | 6.21                  | 4.00               | 0.37                | 0.50             | 24.49               | 1.83                 | 0.00               | 1.00            | 4.50             | 17.50                         | 1                            | 20      | 22           | 3                               | 1         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| O0918       | 39.16 | 65       | 21          | 27.41                | 7.65              | 14.93                 | 10.59              | 12.05               | 18.24            | 16.03               | 3.96                 | 4.89               | 9.41            | 28.82            | 45.88                         | 6                            | 25      | 25           | 3                               | 1         | 0                  |                  |             |                              | 39.16                   | 1,128.59                 |                     |
| O0919       | 43.54 | 96       | 21          | 28.41                | 8.50              | 23.88                 | 16.50              | 20.05               | 32.00            | 0.00                | 5.59                 | 0.60               | 5.50            | 48.50            | 62.50                         | 2                            | 35      | 12           | 3                               | 1         | 1                  | 43.54            | 2,111.69    |                              |                         |                          |                     |
| O0922       | 42.46 | 0        | NM          | 25.88                | 7.37              | 25.32                 | 17.37              | 23.72               | 34.74            | 6.56                | 3.91                 | 0.70               | 3.68            | 52.11            | 63.16                         | 1                            | 28      | 9            | 3                               | 1         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| O0925       | 28.52 | 95       | 21S         | 17.27                | 4.50              | 6.18                  | 5.00               | 11.05               | 14.00            | 11.48               | 2.26                 | 0.00               | 1.50            | 19.00            | 25.00                         | 6                            | 30      | 12           | 3                               | 1         | 0                  |                  |             |                              | 28.52                   | 541.88                   |                     |
| O0929       | 16.42 | 63       | 21          | 16.06                | 4.50              | 10.84                 | 8.00               | 11.70               | 17.50            | 4.32                | 1.65                 | 0.00               | 1.00            | 25.50            | 31.00                         | 2                            | 29      | 7            | 3                               | 1         | 0                  |                  |             |                              | 16.42                   | 418.71                   |                     |
| O0931       | 32.07 | 98       | 26          | 37.01                | 11.50             | 25.65                 | 17.50              | 6.14                | 8.00             | 18.33               | 5.62                 | 2.00               | 6.50            | 25.50            | 43.50                         | 2                            | 47      | 19           | 3                               | 1         | 0                  |                  |             |                              | 32.07                   | 817.79                   |                     |
| O0953       | 2.36  | 51       | 31          | 27.40                | 9.00              | 31.78                 | 22.00              | 7.29                | 9.50             | 20.51               | 5.30                 | 0.25               | 4.50            | 31.50            | 45.00                         | 7                            | 24      | 12           | 3                               | 1         | 0                  |                  |             | 2.36                         | 74.34                   |                          |                     |
| O0954       | 6.22  | 51       | 31          | 63.61                | 17.00             | 40.07                 | 29.00              | 18.65               | 23.50            | 9.49                | 0.56                 | 0.65               | 1.50            | 52.50            | 71.00                         | 6                            | 30      | 2            | 3                               | 1         | 0                  |                  |             | 6.22                         | 326.55                  |                          |                     |
| 238.18      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 68.56            | 3,003.15    | 8.58                         | 400.89                  | 116.17                   | 2,906.97            |

| REMOVALS       |             |                |                                                     |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                        | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0918          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     |                                      |                                 | 4.17                             | 120.18                      |
| O0918          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     |                                      |                                 | 4.02                             | 115.86                      |
| O0925          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     |                                      |                                 | 0.85                             | 16.15                       |
| O0925          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     |                                      |                                 | 2.97                             | 56.43                       |
| O0929          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     |                                      |                                 | 0.88                             | 22.44                       |
| O0929          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     |                                      |                                 | 1.71                             | 43.61                       |
| O0931          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     |                                      |                                 | 24.50                            | 624.75                      |
| O0931          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     |                                      |                                 | 3.95                             | 100.73                      |
| 2009 SUB-TOTAL |             |                |                                                     | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 43.05                            | 1,100.14                    |
| O0925          | 2011        | 65383          | Beaten Area for Stationary Tank Range (ST2)         |                          |                     |                                      |                                 | 1.35                             | 25.65                       |
| 2011 SUB-TOTAL |             |                |                                                     | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 1.35                             | 25.65                       |
| TOTAL REMOVALS |             |                |                                                     | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 44.40                            | 1,125.80                    |

| POST-PROJECT                 |        |    |          |
|------------------------------|--------|----|----------|
|                              | 2009   |    | 2011     |
| Suitable Habitat             | 68.56  | BA | 3,003.15 |
| Potentially Suitable Habitat | 8.58   | BA | 400.89   |
| Future Potential Habitat     | 73.12  | BA | 1,781.17 |
| TOTAL                        | 150.26 | BA | 5,185.21 |

|                                |                                          |              |
|--------------------------------|------------------------------------------|--------------|
| BA= basal area                 | Type Burn:                               | Stand Score  |
| dbh= diameter at breast height | 1=non-growing season                     | 0=Unsuitable |
| hwd= hardwood                  | 2=growing season                         | 1=Suitable   |
| hgc= herbaceous ground cover   |                                          |              |
| Hardwood Midstory:             | Forest Type:                             |              |
| 1 = low, sparse                | 21 = Longleaf Pine                       |              |
| 2 = low, moderate              | 21S = Longleaf Pine Scrub Oak            |              |
| 3 = low, dense                 | 26 = Mixed Pine-Longleaf                 |              |
| 4 = medium, sparse             | 31 = Loblolly Pine                       |              |
| 5 = tall, sparse               | 57 **= Scrub Oak (managed for hardwoods) |              |
| 6 = medium, moderate           | NM = not managed                         |              |
| 7 = tall, moderate             |                                          |              |
| 8 = medium, dense              |                                          |              |
| 9 = tall, dense                |                                          |              |

Appendix Table H-230. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **009-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |                |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|----------------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | Hwd Canopy (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0914       | 25.02 | 51       | 31          | 64.78                | 18.13             | 28.46                 | 19.38              | 12.79               | 16.25            | 18.50               | 6.38                 | 2.80               | 7.50            | 35.63            | 61.25                         | 2                           | 30             | 18           | 3                               | 1         | 3.89               | PS          |                  |             |                              |                         | 25.02                    | 891.46              |
| O0915       | 2.41  | 36       | 57***       | 51.04                | 12.00             | 6.21                  | 4.00               | 0.37                | 0.50             | 24.49               | 1.83                 | 0.00               | 1.00            | 4.50             | 17.50                         | 1                           | 20             | 22           | 3                               | 1         | 2.56               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0918       | 39.16 | 65       | 21          | 27.41                | 7.65              | 14.93                 | 10.59              | 12.05               | 18.24            | 16.03               | 3.96                 | 4.89               | 9.41            | 28.82            | 45.88                         | 6                           | 25             | 25           | 3                               | 1         | 3.66               | PS          |                  |             |                              |                         | 39.16                    | 1,128.59            |
| O0919       | 43.54 | 96       | 21          | 28.41                | 8.50              | 23.88                 | 16.50              | 20.05               | 32.00            | 0.00                | 5.59                 | 0.60               | 5.50            | 48.50            | 62.50                         | 2                           | 35             | 12           | 3                               | 1         | 4.66               | PS          |                  | 43.54       | 2,111.69                     |                         |                          |                     |
| O0922       | 42.46 | 0        | NM          | 25.88                | 7.37              | 25.32                 | 17.37              | 23.72               | 34.74            | 6.56                | 3.91                 | 0.70               | 3.68            | 52.11            | 63.16                         | 1                           | 28             | 9            | 3                               | 1         | 4.08               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0925       | 28.52 | 95       | 21S         | 17.27                | 4.50              | 6.18                  | 5.00               | 11.05               | 14.00            | 11.48               | 2.26                 | 0.00               | 1.50            | 19.00            | 25.00                         | 6                           | 30             | 12           | 3                               | 1         | 3.67               | PS          |                  |             |                              |                         | 28.52                    | 541.88              |
| O0929       | 16.42 | 63       | 21          | 16.06                | 4.50              | 10.84                 | 8.00               | 11.70               | 17.50            | 4.32                | 1.65                 | 0.00               | 1.00            | 25.50            | 31.00                         | 2                           | 29             | 7            | 3                               | 1         | 4.05               | PS          |                  |             |                              |                         | 16.42                    | 418.71              |
| O0931       | 32.07 | 98       | 26          | 37.01                | 11.50             | 25.65                 | 17.50              | 6.14                | 8.00             | 18.33               | 5.62                 | 2.00               | 6.50            | 25.50            | 43.50                         | 2                           | 47             | 19           | 3                               | 1         | 3.63               | PS          |                  |             |                              |                         | 32.07                    | 817.79              |
| O0953       | 2.36  | 51       | 31          | 27.40                | 9.00              | 31.78                 | 22.00              | 7.29                | 9.50             | 20.51               | 5.30                 | 0.25               | 4.50            | 31.50            | 45.00                         | 7                           | 24             | 12           | 3                               | 1         | 3.10               | PS          |                  |             |                              |                         | 2.36                     | 74.34               |
| O0954       | 6.22  | 51       | 31          | 63.61                | 17.00             | 40.07                 | 29.00              | 18.65               | 23.50            | 9.49                | 0.56                 | 0.65               | 1.50            | 52.50            | 71.00                         | 6                           | 30             | 2            | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 6.22                     | 326.55              |
| 238.18      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |                |              |                                 |           |                    |             | 0.00             | 0.00        | 43.54                        | 2,111.69                | 149.77                   | 4,199.32            |

| REMOVALS              |             |                |                                                     |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|-----------------------|-------------|----------------|-----------------------------------------------------|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                                        |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| O0918                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |                          |                     |                                      |                                 | 4.17                             | 120.18                      |
| O0918                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |                          |                     |                                      |                                 | 4.02                             | 115.86                      |
| O0925                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |                          |                     |                                      |                                 | 0.85                             | 16.15                       |
| O0925                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |                          |                     |                                      |                                 | 2.97                             | 56.43                       |
| O0929                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |                          |                     |                                      |                                 | 0.88                             | 22.44                       |
| O0929                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |                          |                     |                                      |                                 | 1.71                             | 43.61                       |
| O0931                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |                          |                     |                                      |                                 | 24.50                            | 624.75                      |
| O0931                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |                          |                     |                                      |                                 | 3.95                             | 100.73                      |
| <b>2009 SUB-TOTAL</b> |             |                |                                                     |  |  |  | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>                          | <b>0.00</b>                     | <b>43.05</b>                     | <b>1,100.15</b>             |
| O0925                 | 2011        | 65383          | Beaten Area for Stationary Tank Range (ST2)         |  |  |  |                          |                     |                                      |                                 | 1.35                             | 25.65                       |
| <b>2011 SUB-TOTAL</b> |             |                |                                                     |  |  |  | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>                          | <b>0.00</b>                     | <b>1.35</b>                      | <b>25.65</b>                |
| <b>TOTAL REMOVALS</b> |             |                |                                                     |  |  |  | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>                          | <b>0.00</b>                     | <b>44.40</b>                     | <b>1,125.80</b>             |

| POST-PROJECT                 |  |               |                 |               |                 |  |  |
|------------------------------|--|---------------|-----------------|---------------|-----------------|--|--|
|                              |  | <b>2009</b>   |                 | <b>2011</b>   |                 |  |  |
| Suitable Habitat             |  | Acres         | BA              | Acres         | BA              |  |  |
| Potentially Suitable Habitat |  | 43.54         | 2,111.69        | 43.54         | 2,111.69        |  |  |
| Future Potential Habitat     |  | 106.72        | 3,099.17        | 105.37        | 3,073.52        |  |  |
| <b>TOTAL</b>                 |  | <b>150.26</b> | <b>5,210.86</b> | <b>148.91</b> | <b>5,185.21</b> |  |  |

| Key:                           |                                          |                          |
|--------------------------------|------------------------------------------|--------------------------|
| BA= basal area                 | Type Burn:                               | Suitability              |
| dbh= diameter at breast height | 0=no data available                      | CS= currently suitable   |
| hwd= hardwood                  | 1= non-growing season                    | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season                        | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                             |                          |
| 1 = low, sparse                | 21 = Longleaf Pine                       |                          |
| 2 = low, moderate              | 21S = Longleaf Pine Scrub Oak            |                          |
| 3 = low, dense                 | 26 = Mixed Pine-Longleaf                 |                          |
| 4 = medium, sparse             | 31 = Loblolly Pine                       |                          |
| 5 = tall, sparse               | 57 *** Scrub Oak (managed for hardwoods) |                          |
| 6 = medium, moderate           | NM = not managed                         |                          |
| 7 = tall, moderate             |                                          |                          |
| 8 = medium, dense              |                                          |                          |
| 9 = tall, dense                |                                          |                          |

Appendix Table H-231. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT                                                                                                                                                                  |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|---------------------|----------------------|------------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|
| Stand                                                                                                                                                                        | Acres       | Pine Age       | Forest Type                                  | Pine Stems 4-10" dbh     | Pine BA 4-10" dbh   | Pine Stems 10-14" dbh                | Pine BA 10-14" dbh              | Pine stems >14" dbh              | Pine BA >14" dbh            | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh     | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |
| O0935                                                                                                                                                                        | 0.02        | 73             | 21                                           | 55.34                    | 15.50               | 18.58                                | 14.00                           | 11.57                            | 15.00                       | 10.60               | 5.16                 | 2.81                   | 8.00            | 29.00            | 52.50                         | 1                            | 25      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| O0935                                                                                                                                                                        | 0.64        | 73             | 21                                           | 55.34                    | 15.50               | 18.58                                | 14.00                           | 11.57                            | 15.00                       | 10.60               | 5.16                 | 2.81                   | 8.00            | 29.00            | 52.50                         | 1                            | 25      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.64                     | 18.56               |  |
| O0942                                                                                                                                                                        | 16.85       | 90             | 11                                           | 22.89                    | 7.50                | 10.68                                | 7.50                            | 6.63                             | 10.00                       | 16.34               | 4.77                 | 4.78                   | 11.00           | 17.50            | 36.00                         | 7                            | 15      | 36           | 3                               | 1         | 0                  |                  |             |                              |                         | 16.85                    | 294.88              |  |
| O0946                                                                                                                                                                        | 14.95       | 43             | 31P                                          | 91.89                    | 26.50               | 49.19                                | 35.00                           | 10.31                            | 13.50                       | 12.71               | 3.10                 | 2.73                   | 6.50            | 48.50            | 81.50                         | 4                            | 8       | 9            | 3                               | 1         | 0                  |                  |             | 14.95                        | 725.08                  |                          |                     |  |
| O1010                                                                                                                                                                        | 19.46       | 54             | 31                                           | 33.66                    | 9.50                | 10.46                                | 7.50                            | 15.61                            | 25.50                       | 20.67               | 5.06                 | 2.34                   | 7.00            | 33.00            | 49.50                         | 6                            | 27      | 22           | 3                               | 1         | 0                  |                  |             | 19.46                        | 642.18                  |                          |                     |  |
| O1010                                                                                                                                                                        | 0.07        | 54             | 31                                           | 33.66                    | 9.50                | 10.46                                | 7.50                            | 15.61                            | 25.50                       | 20.67               | 5.06                 | 2.34                   | 7.00            | 33.00            | 49.50                         | 6                            | 27      | 22           | 3                               | 1         | 0                  |                  |             | 0.07                         | 2.31                    |                          |                     |  |
| O1012                                                                                                                                                                        | 9.35        | 23             | 31P                                          | 356.97                   | 94.00               | 26.74                                | 16.00                           | 0.00                             | 0.00                        | 4.34                | 0.00                 | 0.00                   | 0.00            | 16.00            | 110.00                        | 1                            | 14      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 9.35                     | 149.60              |  |
| O1012                                                                                                                                                                        | 0.07        | 23             | 31P                                          | 356.97                   | 94.00               | 26.74                                | 16.00                           | 0.00                             | 0.00                        | 4.34                | 0.00                 | 0.00                   | 0.00            | 16.00            | 110.00                        | 1                            | 14      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.07                     | 1.12                |  |
| O1018                                                                                                                                                                        | 8.34        | 23             | 31P                                          | 198.50                   | 45.00               | 0.00                                 | 0.00                            | 0.00                             | 0.00                        | 0.00                | 0.00                 | 0.00                   | 0.00            | 0.00             | 45.00                         | 2                            | 23      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 8.34                     | 0.00                |  |
| O1019                                                                                                                                                                        | 17.53       | 62             | 31                                           | 27.01                    | 7.37                | 15.17                                | 11.05                           | 16.20                            | 25.79                       | 55.15               | 3.24                 | 3.68                   | 7.89            | 36.84            | 52.11                         | 8                            | 12      | 18           | 3                               | 1         | 0                  |                  |             | 17.53                        | 645.81                  |                          |                     |  |
| O1020                                                                                                                                                                        | 43.28       | 87             | 31                                           | 49.52                    | 12.50               | 15.10                                | 10.50                           | 15.49                            | 22.00                       | 2.78                | 4.42                 | 2.26                   | 5.50            | 32.50            | 50.50                         | 1                            | 30      | 18           | 3                               | 1         | 1                  | 43.28            | 1,406.60    |                              |                         |                          |                     |  |
| O1023                                                                                                                                                                        | 16.65       | 75             | 31                                           | 164.35                   | 41.50               | 24.15                                | 15.00                           | 1.54                             | 2.00                        | 17.97               | 2.81                 | 0.00                   | 2.00            | 17.00            | 60.50                         | 2                            | 21      | 10           | 3                               | 1         | 0                  |                  |             |                              |                         | 16.65                    | 283.05              |  |
| O1024                                                                                                                                                                        | 13.00       | 23             | 21                                           | 34.95                    | 11.58               | 25.30                                | 16.84                           | 7.41                             | 10.53                       | 2.77                | 2.33                 | 0.41                   | 2.11            | 27.37            | 41.05                         | 1                            | 27      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 13.00                    | 355.81              |  |
| O1027                                                                                                                                                                        | 0.55        | 77             | 31                                           | 92.30                    | 22.94               | 29.80                                | 20.00                           | 9.88                             | 13.53                       | 1.69                | 10.06                | 2.99                   | 11.18           | 33.53            | 67.65                         | 6                            | 26      | 25           | 3                               | 1         | 0                  |                  |             | 0.55                         | 18.44                   |                          |                     |  |
| O1301                                                                                                                                                                        | 16.62       | 77             | 31                                           | 36.42                    | 9.50                | 8.87                                 | 6.50                            | 17.75                            | 27.00                       | 19.29               | 14.31                | 3.38                   | 14.50           | 33.50            | 57.50                         | 7                            | 21      | 40           | 3                               | 1         | 0                  |                  |             | 16.62                        | 556.77                  |                          |                     |  |
| O1305                                                                                                                                                                        | 5.37        | 82             | 21                                           | 14.31                    | 5.00                | 10.82                                | 7.00                            | 14.44                            | 19.00                       | 21.90               | 4.98                 | 1.63                   | 5.50            | 26.00            | 36.50                         | 1                            | 22      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 5.37                     | 139.62              |  |
| pp426*                                                                                                                                                                       | 13.54       | 12             | 21P                                          | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 0.00                             | 0.00                        | 0.00                | 0.00                 | 0.00                   | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 13.54                    | 0.00                |  |
| pp427*                                                                                                                                                                       | 6.67        | 12             | 21P                                          | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 0.00                             | 0.00                        | 0.00                | 0.00                 | 0.00                   | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 6.67                     | 0.00                |  |
| pp692*                                                                                                                                                                       | 25.42       | 5              | 21P                                          | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 0.00                             | 0.00                        | 0.00                | 0.00                 | 0.00                   | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 25.42                    | 0.00                |  |
| pp693*                                                                                                                                                                       | 1.43        | 5              | 21P                                          | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 0.00                             | 0.00                        | 0.00                | 0.00                 | 0.00                   | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.43                     | 0.00                |  |
| 229.81                                                                                                                                                                       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|                                                                                                                                                                              |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| REMOVALS                                                                                                                                                                     |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Stand                                                                                                                                                                        | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O0935                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 0.47                             | 13.63                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O0942                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 1.15                             | 20.13                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O0946                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     | 4.17                                 | 202.25                          |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1010                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     | 0.58                                 | 19.14                           |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1012                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 1.63                             | 26.08                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1018                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 2.57                             | 0.00                        |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1024                                                                                                                                                                        | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 1.21                             | 33.12                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| pp426*                                                                                                                                                                       | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 1.58                             | 0.00                        |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| 2009 SUB-TOTAL                                                                                                                                                               |             |                |                                              | 0.00                     | 0.00                | 4.75                                 | 221.39                          | 8.61                             | 92.96                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1019                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 3.83                                 | 141.10                          |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1301                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 3.62                                 | 121.27                          |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| O1305                                                                                                                                                                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.00                             | 26.00                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| pp693*                                                                                                                                                                       | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.25                             | 0.00                        |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| 2010 SUB-TOTAL                                                                                                                                                               |             |                |                                              | 0.00                     | 0.00                | 7.45                                 | 262.37                          | 1.25                             | 26.00                       |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| TOTAL REMOVALS                                                                                                                                                               |             |                |                                              | 0.00                     | 0.00                | 12.20                                | 483.76                          | 9.86                             | 118.96                      |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|                                                                                                                                                                              |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| POST-PROJECT                                                                                                                                                                 |             |                |                                              |                          |                     |                                      |                                 |                                  |                             | 2009 SUB-TOTAL      |                      | non-contiguous habitat |                 | 2009 TOTAL       |                               | 2010 TOTAL                   |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Suitable Habitat                                                                                                                                                             | Acres       | BA             | Acres                                        | BA                       | Acres               | BA                                   | Acres                           | BA                               | Acres                       | BA                  | Acres                | BA                     | Acres           | BA               |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Potentially Suitable Habitat                                                                                                                                                 | 43.28       | 1,406.60       | 0.00                                         | 0.00                     | 43.28               | 1,406.60                             | 43.28                           | 1,406.60                         | 64.43                       | 2,369.20            | 64.43                | 2,369.20               | 56.98           | 2,106.83         |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Future Potential Habitat                                                                                                                                                     | 108.72      | 1,149.68       | 0.17                                         | 4.93                     | 108.55              | 1,144.75                             | 107.30                          | 1,118.75                         |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| TOTAL                                                                                                                                                                        | 216.43      | 4,925.48       | 0.17                                         | 4.93                     | 216.26              | 4,920.55                             | 207.56                          | 4,632.18                         |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|                                                                                                                                                                              |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
| Stand O0935 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.                            |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |                     |                      |                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |

Appendix Table H-232. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0935       | 0.02  | 73       | 21          | 55.34                | 15.50             | 18.58                 | 14.00              | 11.57               | 15.00            | 10.60               | 5.16                 | 2.81               | 8.00            | 29.00            | 52.50                         | 1                    | 25      | 21           | 3                               | 1         | 3.90               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0935       | 0.64  | 73       | 21          | 55.34                | 15.50             | 18.58                 | 14.00              | 11.57               | 15.00            | 10.60               | 5.16                 | 2.81               | 8.00            | 29.00            | 52.50                         | 1                    | 25      | 21           | 3                               | 1         | 3.90               | PS          |                  |             |                              |                         | 0.64                     | 18.56               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0942       | 16.85 | 90       | 11          | 22.89                | 7.50              | 10.68                 | 7.50               | 6.63                | 10.00            | 16.34               | 4.77                 | 4.78               | 11.00           | 17.50            | 36.00                         | 7                    | 15      | 36           | 3                               | 1         | 3.00               | PS          |                  |             |                              |                         | 16.85                    | 294.88              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O0946       | 14.95 | 43       | 31P         | 91.89                | 26.50             | 49.19                 | 35.00              | 10.31               | 13.50            | 12.71               | 3.10                 | 2.73               | 6.50            | 48.50            | 81.50                         | 4                    | 8       | 9            | 3                               | 1         | 3.34               | PS          |                  |             |                              |                         | 14.95                    | 725.08              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1010       | 19.46 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67               | 5.06                 | 2.34               | 7.00            | 33.00            | 49.50                         | 6                    | 27      | 22           | 3                               | 1         | 3.91               | PS          |                  |             |                              |                         | 19.46                    | 642.18              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1010       | 0.07  | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67               | 5.06                 | 2.34               | 7.00            | 33.00            | 49.50                         | 6                    | 27      | 22           | 3                               | 1         | 3.91               | PS          |                  |             |                              |                         | 0.07                     | 2.31                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1012       | 9.35  | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                | 0.00                 | 0.00               | 0.00            | 16.00            | 110.00                        | 1                    | 14      | 0            | 3                               | 1         | 2.47               | NH          |                  |             |                              |                         | 9.35                     | 149.60              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1012       | 0.07  | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                | 0.00                 | 0.00               | 0.00            | 16.00            | 110.00                        | 1                    | 14      | 0            | 3                               | 1         | 2.47               | NH          |                  |             |                              |                         | 0.07                     | 1.12                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1018       | 8.34  | 23       | 31P         | 198.50               | 45.00             | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 45.00                         | 2                    | 23      | 0            | 3                               | 1         | 2.57               | NH          |                  |             |                              |                         | 8.34                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1019       | 17.53 | 62       | 31          | 27.01                | 7.37              | 15.17                 | 11.05              | 16.20               | 25.79            | 55.15               | 3.24                 | 3.68               | 7.89            | 36.84            | 52.11                         | 8                    | 12      | 18           | 3                               | 1         | 3.85               | PS          |                  |             |                              |                         | 17.53                    | 645.81              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1020       | 43.28 | 87       | 31          | 49.52                | 12.50             | 15.10                 | 10.50              | 15.49               | 22.00            | 2.78                | 4.42                 | 2.26               | 5.50            | 32.50            | 50.50                         | 1                    | 30      | 18           | 3                               | 1         | 4.29               | PS          |                  |             |                              |                         | 43.28                    | 1,406.60            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1023       | 16.65 | 75       | 31          | 164.35               | 41.50             | 24.15                 | 15.00              | 1.54                | 2.00             | 17.97               | 2.81                 | 0.00               | 2.00            | 17.00            | 60.50                         | 2                    | 21      | 10           | 3                               | 1         | 3.13               | PS          |                  |             |                              |                         | 16.65                    | 283.05              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1024       | 13.00 | 23       | 21          | 34.95                | 11.58             | 25.30                 | 16.84              | 7.41                | 10.53            | 2.77                | 2.33                 | 0.41               | 2.11            | 27.37            | 41.05                         | 1                    | 27      | 8            | 3                               | 1         | 3.19               | NH          |                  |             |                              |                         | 13.00                    | 355.81              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1027       | 0.55  | 77       | 31          | 92.30                | 22.94             | 29.80                 | 20.00              | 9.88                | 13.53            | 1.69                | 10.06                | 2.99               | 11.18           | 33.53            | 67.65                         | 6                    | 26      | 25           | 3                               | 1         | 3.44               | PS          |                  |             |                              |                         | 0.55                     | 18.44               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1301       | 16.62 | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29               | 14.31                | 3.38               | 14.50           | 33.50            | 57.50                         | 7                    | 21      | 40           | 3                               | 1         | 3.81               | PS          |                  |             |                              |                         | 16.62                    | 556.77              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1305       | 5.37  | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90               | 4.98                 | 1.63               | 5.50            | 26.00            | 36.50                         | 1                    | 22      | 21           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 5.37                     | 139.62              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp426*      | 13.54 | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 13.54                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp427*      | 6.67  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.67                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp692*      | 25.42 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 25.42                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp693*      | 1.43  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.43                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 229.81      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-233. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-0; Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                                 |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|---------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines >10" dbh) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0817       | 3.07  | 23       | 31          | 103.23               | 31.00             | 17.82                 | 11.00              | 1.66                | 2.00             | 2.86                 | 0.00                  | 0.00                | 0.00            | 13.00            | 44.00                           | 2                             | 31      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 3.07                     | 39.91               |
| O0818       | 2.04  | 23       | 31P         | 92.28                | 30.00             | 9.35                  | 6.00               | 0.00                | 0.00             | 7.33                 | 4.38                  | 1.14                | 5.00            | 6.00             | 41.00                           | 1                             | 29      | 37           | 3                               | 1         | 0                  |                  |             |                              |                         | 2.04                     | 12.24               |
| O0819       | 3.61  | 90       | 31          | 61.73                | 18.00             | 12.76                 | 10.00              | 6.25                | 9.50             | 67.54                | 9.89                  | 2.50                | 10.00           | 19.50            | 47.50                           | 1                             | 4       | 39           | 3                               | 1         | 0                  |                  |             |                              |                         | 3.61                     | 70.40               |
| O0928       | 2.52  | 63       | 31          | 81.35                | 24.74             | 31.37                 | 21.58              | 6.96                | 10.00            | 22.27                | 5.83                  | 3.93                | 10.53           | 31.58            | 66.84                           | 9                             | 7       | 20           | 3                               | 1         | 0                  |                  |             | 2.52                         | 79.58                   |                          |                     |
| O0935       | 9.88  | 73       | 21          | 55.34                | 15.50             | 18.58                 | 14.00              | 11.57               | 15.00            | 10.60                | 5.16                  | 2.81                | 8.00            | 29.00            | 52.50                           | 1                             | 25      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 9.88                     | 286.52              |
| O1003       | 11.96 | 90       | 31          | 114.52               | 30.00             | 5.37                  | 3.16               | 7.23                | 10.53            | 9.86                 | 0.55                  | 0.00                | 0.53            | 13.68            | 44.21                           | 6                             | 20      | 4            | 3                               | 1         | 0                  |                  |             |                              |                         | 11.96                    | 163.61              |
| O1006       | 2.03  | 23       | ND          | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 2.03                     | 0.00                |
| O1007       | 54.86 | 76       | 31          | 16.54                | 5.00              | 8.06                  | 5.00               | 14.39               | 25.50            | 1.08                 | 1.52                  | 0.11                | 1.50            | 30.50            | 37.00                           | 1                             | 40      | 7            | 3                               | 1         | 1                  | 54.86            | 1,673.23    |                              |                         |                          |                     |
| O1009       | 17.40 | 61       | 31          | 36.86                | 10.50             | 44.99                 | 31.00              | 7.18                | 9.00             | 39.33                | 11.32                 | 1.44                | 9.50            | 40.00            | 60.00                           | 1                             | 20      | 20           | 3                               | 1         | 1                  | 17.40            | 696.00      |                              |                         |                          |                     |
| O1010       | 16.11 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67                | 5.06                  | 2.34                | 7.00            | 33.00            | 49.50                           | 6                             | 27      | 22           | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |
| O1012       | 26.35 | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                 | 0.00                  | 0.00                | 0.00            | 16.00            | 110.00                          | 1                             | 14      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 26.35                    | 421.60              |
| pp689*      | 23.03 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 23.03                    | 0.00                |
| pp690*      | 17.95 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 17.95                    | 0.00                |
| pp748*      | 0.12  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.12                     | 0.00                |
| pp818*      | 4.75  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.75                     | 0.00                |
| pp965*      | 37.87 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                            | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 37.87                    | 0.00                |
| 233.55      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                                 |                               |         |              |                                 |           |                    | 72.26            | 2,369.23    | 2.52                         | 79.58                   | 142.66                   | 994.28              |

| REMOVALS       |             |                |                                                     |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                        | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0928          | 2009        | 65554          | Construct Training Area Roads Paved                 |                          |                     | 0.60                                 | 18.95                           |                                  |                             |
| O0928          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     | 0.61                                 | 19.26                           |                                  |                             |
| O0928          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     | 0.89                                 | 28.11                           |                                  |                             |
| O0935          | 2009        | 65554          | Construct Training Area Roads Paved                 |                          |                     |                                      |                                 | 3.22                             | 93.38                       |
| O0935          | 2009        | 65383          | Stationary Tank Range (ST2)                         |                          |                     |                                      |                                 | 0.71                             | 20.59                       |
| O0935          | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |                          |                     |                                      |                                 | 0.93                             | 26.97                       |
| O1009          | 2009        | 65554          | Construct Training Area Roads Paved                 | 2.98                     | 119.20              |                                      |                                 |                                  |                             |
| pp689*         | 2009        | 65554          | Construct Training Area Roads Paved                 |                          |                     |                                      |                                 | 0.07                             | 0.00                        |
| pp818*         | 2009        | 65554          | Construct Training Area Roads Paved                 |                          |                     |                                      |                                 | 1.24                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                                     | 2.98                     | 119.20              | 2.10                                 | 66.32                           | 6.17                             | 140.94                      |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       |      |
| Potentially Suitable Habitat | 69.28  | 2,250.03 |      |
| Future Potential Habitat     | 0.42   | 13.26    |      |
| TOTAL                        | 136.49 | 853.34   |      |
|                              | 206.19 | 3,116.63 |      |

|                                 |                                |              |
|---------------------------------|--------------------------------|--------------|
| Key:                            |                                |              |
| BA = basal area                 | Type Burn                      | Stand Score  |
| dbh = diameter at breast height | 0=no data available            | 0=Unsuitable |
| hwd = hardwood                  | 1=non-growing season           | 1=Suitable   |
| hgc = herbaceous ground cover   | 2=growing season               |              |
| Hardwood Midstory:              | Forest Type:                   |              |
| 1 = low, sparse                 | 21 = Longleaf Pine             |              |
| 2 = low, moderate               | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                  | 31 = Loblolly Pine             |              |
| 4 = medium, sparse              | 31P = Loblolly Pine Plantation |              |
| 5 = tall, sparse                | ND = no data provided          |              |
| 6 = medium, moderate            |                                |              |
| 7 = tall, moderate              |                                |              |
| 8 = medium, dense               |                                |              |
| 9 = tall, dense                 |                                |              |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-234. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0817       | 3.07  | 23       | 31          | 103.23               | 31.00              | 17.82                  | 11.00              | 1.66                | 2.00             | 2.86                 | 0.00                  | 0.00                | 0.00             | 13.00             | 44.00                         | 2                           | 31      | 0            | 3                               | 1         | 2.67               | NH          |                  |             |                              |                         | 3.07                     | 39.91               |
| O0818       | 2.04  | 23       | 31P         | 92.28                | 30.00              | 9.35                   | 6.00               | 0.00                | 0.00             | 7.33                 | 4.38                  | 1.14                | 5.00             | 6.00              | 41.00                         | 1                           | 29      | 37           | 3                               | 1         | 2.32               | NH          |                  |             |                              |                         | 2.04                     | 12.24               |
| O0819       | 3.61  | 90       | 31          | 61.73                | 18.00              | 12.76                  | 10.00              | 6.25                | 9.50             | 67.54                | 9.89                  | 2.50                | 10.00            | 19.50             | 47.50                         | 1                           | 4       | 39           | 3                               | 1         | 3.01               | PS          |                  |             |                              |                         | 3.61                     | 70.40               |
| O0928       | 2.52  | 63       | 31          | 81.35                | 24.74              | 31.37                  | 21.58              | 6.96                | 10.00            | 22.27                | 5.83                  | 3.93                | 10.53            | 31.58             | 66.84                         | 9                           | 7       | 20           | 3                               | 1         | 2.62               | PS          |                  |             |                              |                         | 2.52                     | 79.58               |
| O0935       | 9.88  | 73       | 21          | 55.34                | 15.50              | 18.58                  | 14.00              | 11.57               | 15.00            | 10.60                | 5.16                  | 2.81                | 8.00             | 29.00             | 52.50                         | 1                           | 25      | 21           | 3                               | 1         | 3.90               | PS          |                  |             |                              |                         | 9.88                     | 286.52              |
| O1003       | 11.96 | 90       | 31          | 114.52               | 30.00              | 5.37                   | 3.16               | 7.23                | 10.53            | 9.86                 | 0.55                  | 0.00                | 0.53             | 13.68             | 44.21                         | 6                           | 20      | 4            | 3                               | 1         | 3.33               | PS          |                  |             |                              |                         | 11.96                    | 163.61              |
| O1006       | 2.03  | 23       | ND          | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 2.06               | NH          |                  |             |                              |                         | 2.03                     | 0.00                |
| O1007       | 54.86 | 76       | 31          | 16.54                | 5.00               | 8.06                   | 5.00               | 14.39               | 25.50            | 1.08                 | 1.52                  | 0.11                | 1.50             | 30.50             | 37.00                         | 1                           | 40      | 7            | 3                               | 1         | 4.49               | PS          |                  |             |                              |                         | 54.86                    | 1,673.23            |
| O1009       | 17.40 | 61       | 31          | 36.86                | 10.50              | 44.99                  | 31.00              | 7.18                | 9.00             | 39.33                | 11.32                 | 1.44                | 9.50             | 40.00             | 60.00                         | 1                           | 20      | 20           | 3                               | 1         | 3.48               | PS          |                  |             |                              |                         | 17.40                    | 696.00              |
| O1010       | 16.11 | 54       | 31          | 33.66                | 9.50               | 10.46                  | 7.50               | 15.61               | 25.50            | 20.67                | 5.06                  | 2.34                | 7.00             | 33.00             | 49.50                         | 6                           | 27      | 22           | 3                               | 1         | 3.91               | PS          |                  |             |                              |                         | 16.11                    | 531.63              |
| O1012       | 26.35 | 23       | 31P         | 356.97               | 94.00              | 26.74                  | 16.00              | 0.00                | 0.00             | 4.34                 | 0.00                  | 0.00                | 0.00             | 16.00             | 110.00                        | 1                           | 14      | 0            | 3                               | 1         | 2.47               | NH          |                  |             |                              |                         | 26.35                    | 421.60              |
| pp689*      | 23.03 | 5        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 23.03                    | 0.00                |
| pp690*      | 17.95 | 5        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 17.95                    | 0.00                |
| pp748*      | 0.12  | 4        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.12                     | 0.00                |
| pp818*      | 4.75  | 3        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 4.75                     | 0.00                |
| pp965*      | 37.87 | 1        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 37.87                    | 0.00                |
| 233.55      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 233.54                   | 3,974.72            |

| REMOVALS              |             |                |                                                     |  |  |  |  |  |  | Suitable Acreage |                     | Potentially Suitable |             | Future Potential |               |
|-----------------------|-------------|----------------|-----------------------------------------------------|--|--|--|--|--|--|------------------|---------------------|----------------------|-------------|------------------|---------------|
| Stand                 | Fiscal Year | Project Number | Project Name                                        |  |  |  |  |  |  | Removed          | Suitable BA Removed | Acreage Removed      | Removed     | Acreage Removed  | BA Removed    |
| O0928                 | 2009        | 65554          | Construct Training Area Roads Paved                 |  |  |  |  |  |  |                  |                     |                      |             | 0.60             | 18.95         |
| O0928                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |  |  |  |                  |                     |                      |             | 0.61             | 19.26         |
| O0928                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |  |  |  |                  |                     |                      |             | 0.89             | 28.11         |
| O0935                 | 2009        | 65554          | Construct Training Area Roads Paved                 |  |  |  |  |  |  |                  |                     |                      |             | 3.22             | 93.38         |
| O0935                 | 2009        | 65383          | Stationary Tank Range (ST2)                         |  |  |  |  |  |  |                  |                     |                      |             | 0.71             | 20.59         |
| O0935                 | 2009        | 65383          | Construction Limits for Stationary Tank Range (ST2) |  |  |  |  |  |  |                  |                     |                      |             | 0.93             | 26.97         |
| O1009                 | 2009        | 65554          | Construct Training Area Roads Paved                 |  |  |  |  |  |  |                  |                     |                      |             | 2.98             | 119.20        |
| pp689*                | 2009        | 65554          | Construct Training Area Roads Paved                 |  |  |  |  |  |  |                  |                     |                      |             | 0.07             | 0.00          |
| pp818*                | 2009        | 65554          | Construct Training Area Roads Paved                 |  |  |  |  |  |  |                  |                     |                      |             | 1.24             | 0.00          |
| <b>TOTAL REMOVALS</b> |             |                |                                                     |  |  |  |  |  |  | <b>0.00</b>      | <b>0.00</b>         | <b>0.00</b>          | <b>0.00</b> | <b>11.25</b>     | <b>326.46</b> |

| POST-PROJECT                 |               |                 | 2009 |  |
|------------------------------|---------------|-----------------|------|--|
| Suitable Habitat             | Acres         | BA              |      |  |
| Potentially Suitable Habitat | 0.00          | 0.00            |      |  |
| Future Potential Habitat     | 0.00          | 0.00            |      |  |
| <b>TOTAL</b>                 | <b>222.29</b> | <b>3,648.26</b> |      |  |

| Key:                                                                                  |                                |                          |
|---------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                        | Type Burn                      | Suitability              |
| dbh= diameter at breast height                                                        | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                                                                         | 1=non-growing season           | PS= potentially suitable |
| hgc= herbaceous ground cover                                                          | 2=growing season               | NH= non-habitat          |
| Hardwood Midstory:                                                                    | Forest Type:                   |                          |
| 1 = low, sparse                                                                       | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                     | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                        | 31 = Loblolly Pine             |                          |
| 4 = medium, sparse                                                                    | 31P = Loblolly Pine Plantation |                          |
| 5 = tall, sparse                                                                      | ND = no data provided          |                          |
| 6 = medium, moderate                                                                  |                                |                          |
| 7 = tall, moderate                                                                    |                                |                          |
| 8 = medium, dense                                                                     |                                |                          |
| 9 = tall, dense                                                                       |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                |                          |

Appendix Table H-235. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-0; Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgi

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| K0201       | 25.31 | 65       | 31          | 38.78                | 11.58             | 20.14                 | 14.74              | 14.36               | 20.53            | 9.13                 | 1.82                  | 1.27                | 3.16            | 35.26            | 50.00                         | 7                             | 17      | 8            | 0                               | 0         | 0                  |                  |             | 25.31                        | 892.43                  |                          |                     |
| O1023       | 0.91  | 75       | 31          | 164.35               | 41.50             | 24.15                 | 15.00              | 1.54                | 2.00             | 17.97                | 2.81                  | 0.00                | 2.00            | 17.00            | 60.50                         | 2                             | 21      | 10           | 3                               | 1         | 0                  |                  |             |                              | 0.91                    | 15.47                    |                     |
| O1024       | 1.99  | 23       | 21          | 34.95                | 11.58             | 25.30                 | 16.84              | 7.41                | 10.53            | 2.77                 | 2.33                  | 0.41                | 2.11            | 27.37            | 41.05                         | 1                             | 27      | 8            | 3                               | 1         | 0                  |                  |             |                              | 1.99                    | 54.47                    |                     |
| O1026       | 2.28  | 23       | 31          | 201.07               | 57.50             | 46.06                 | 30.00              | 3.41                | 5.00             | 37.81                | 0.00                  | 1.73                | 2.50            | 35.00            | 95.00                         | 6                             | 13      | 3            | 3                               | 1         | 0                  |                  |             |                              | 2.28                    | 79.80                    |                     |
| O1027       | 74.09 | 77       | 31          | 92.30                | 22.94             | 29.80                 | 20.00              | 9.88                | 13.53            | 1.69                 | 10.06                 | 2.99                | 11.18           | 33.53            | 67.65                         | 6                             | 26      | 25           | 3                               | 1         | 0                  |                  |             | 74.09                        | 2,484.24                |                          |                     |
| O1202       | 13.09 | 65       | 31          | 7.21                 | 2.00              | 16.69                 | 12.00              | 10.54               | 14.00            | 7.37                 | 1.68                  | 0.47                | 2.00            | 26.00            | 30.00                         | 5                             | 28      | 7            | 3                               | 1         | 0                  |                  |             |                              | 13.09                   | 340.34                   |                     |
| O1203       | 2.67  | 95       | 31          | 17.22                | 5.00              | 16.86                 | 15.00              | 21.10               | 30.00            | 20.46                | 0.00                  | 1.60                | 2.50            | 45.00            | 52.50                         | 6                             | 23      | 4            | 3                               | 1         | 0                  |                  |             | 2.67                         | 120.15                  |                          |                     |
| O1204       | 4.86  | 70       | 21          | 11.49                | 4.50              | 15.03                 | 11.00              | 16.44               | 24.00            | 10.32                | 5.88                  | 1.41                | 6.50            | 35.00            | 46.00                         | 5                             | 28      | 19           | 3                               | 1         | 0                  |                  |             | 4.86                         | 170.10                  |                          |                     |
| O1211       | 0.45  | 85       | 21          | 3.72                 | 1.00              | 5.01                  | 4.00               | 4.57                | 6.00             | 8.88                 | 1.14                  | 1.12                | 2.50            | 10.00            | 13.50                         | 1                             | 29      | 19           | 3                               | 1         | 0                  |                  |             |                              | 0.45                    | 4.50                     |                     |
| O1212       | 2.05  | 51       | 22P         | 92.00                | 25.50             | 27.80                 | 19.50              | 1.98                | 2.50             | 4.92                 | 0.62                  | 0.50                | 1.00            | 22.00            | 48.50                         | 7                             | 35      | 4            | 3                               | 1         | 0                  |                  |             |                              | 2.05                    | 45.10                    |                     |
| O1312       | 5.00  | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46                | 10.12                 | 3.33                | 12.00           | 38.50            | 63.50                         | 1                             | 15      | 26           | 3                               | 1         | 1                  | 5.00             | 192.50      |                              |                         |                          |                     |
| pp425*      | 7.08  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 7.08                    | 0.00                     |                     |
| pp693*      | 0.81  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 0.81                    | 0.00                     |                     |
| 140.59      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    | 5.00             | 192.50      | 106.93                       | 3,666.92                | 28.66                    | 539.68              |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| K0201          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     | 1.66                                 | 58.53                           |                                  |                             |
| O1027          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     | 5.34                                 | 179.05                          |                                  |                             |
| O1202          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 2.83                             | 73.58                       |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 0.18                             | 1.80                        |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved         | 0.41                     | 15.79               |                                      |                                 |                                  |                             |
| pp425*         | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |                     |                                      |                                 | 1.23                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.41                     | 15.79               | 7.00                                 | 237.58                          | 4.24                             | 75.38                       |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 1.60                                 | 53.65                           |                                  |                             |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 1.50                     | 57.75               |                                      |                                 | 0.00                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 1.50                     | 57.75               | 1.60                                 | 53.65                           | 0.00                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              | 1.91                     | 73.54               | 8.60                                 | 291.23                          | 4.24                             | 75.38                       |

| POST-PROJECT                 |            |           |            |
|------------------------------|------------|-----------|------------|
|                              | 2009       | 2010      |            |
| Suitable Habitat             | Acres 4.59 | BA 176.71 | Acres 3.09 |
| Potentially Suitable Habitat | 99.93      | 3,429.34  | 98.33      |
| Future Potential Habitat     | 24.42      | 464.30    | 24.42      |
| TOTAL                        | 128.94     | 4,070.35  | 125.84     |

|                                 |                                |              |
|---------------------------------|--------------------------------|--------------|
| Key:                            | Type Burn                      | Stand Score  |
| BA = basal area                 | 0=no data available            | 0=Unsuitable |
| dbh = diameter at breast height | 1=non-growing season           | 1=Suitable   |
| hwd = hardwood                  | 2=growing season               |              |
| hgc = herbaceous ground cover   |                                |              |
| Hardwood Midstory:              | Forest Type:                   |              |
| 1 = low, sparse                 | 21 = Longleaf Pine             |              |
| 2 = low, moderate               | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                  | 22P = Slash Pine Plantation    |              |
| 4 = medium, sparse              | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                |                                |              |
| 6 = medium, moderate            |                                |              |
| 7 = tall, moderate              |                                |              |
| 8 = medium, dense               |                                |              |
| 9 = tall, dense                 |                                |              |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-236. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O10-03, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                         |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| K0201       | 25.31 | 65       | 31          | 38.78                | 11.58              | 20.14                  | 14.74              | 14.36               | 20.53            | 9.13                 | 1.82                  | 1.27                | 3.18             | 35.26             | 50.00                         | 7                       | 17      | 8            | 0                               | 0         | 3.78               | PS          |                  |             |                              |                         | 25.31                    | 892.43              |
| O1023       | 0.91  | 75       | 31          | 164.35               | 41.50              | 24.15                  | 15.00              | 1.54                | 2.00             | 17.97                | 2.81                  | 0.00                | 2.00             | 17.00             | 60.50                         | 2                       | 21      | 10           | 3                               | 1         | 3.13               | PS          |                  |             |                              |                         | 0.91                     | 15.47               |
| O1024       | 1.99  | 23       | 21          | 34.95                | 11.58              | 25.30                  | 16.84              | 7.41                | 10.53            | 2.77                 | 2.33                  | 0.41                | 2.11             | 27.37             | 41.05                         | 1                       | 27      | 8            | 3                               | 1         | 3.19               | NH          |                  |             |                              |                         | 1.99                     | 54.47               |
| O1026       | 2.28  | 23       | 31          | 201.07               | 57.50              | 46.06                  | 30.00              | 3.41                | 5.00             | 37.81                | 0.00                  | 1.73                | 2.50             | 35.00             | 95.00                         | 6                       | 13      | 3            | 3                               | 1         | 2.53               | NH          |                  |             |                              |                         | 2.28                     | 79.80               |
| O1027       | 74.09 | 77       | 31          | 92.30                | 22.94              | 29.80                  | 20.00              | 9.88                | 13.53            | 1.69                 | 10.06                 | 2.99                | 11.18            | 33.53             | 67.65                         | 6                       | 26      | 25           | 3                               | 1         | 3.44               | PS          |                  |             |                              |                         | 74.09                    | 2,484.24            |
| O1202       | 13.09 | 65       | 31          | 7.21                 | 2.00               | 16.69                  | 12.00              | 10.54               | 14.00            | 7.37                 | 1.68                  | 0.47                | 2.00             | 26.00             | 30.00                         | 5                       | 28      | 7            | 3                               | 1         | 3.68               | PS          |                  |             |                              |                         | 13.09                    | 340.34              |
| O1203       | 2.67  | 95       | 31          | 17.22                | 5.00               | 16.86                  | 15.00              | 21.10               | 30.00            | 20.46                | 0.00                  | 1.60                | 2.50             | 45.00             | 52.50                         | 6                       | 23      | 4            | 3                               | 1         | 4.42               | PS          |                  |             | 2.67                         | 120.15                  |                          |                     |
| O1204       | 4.86  | 70       | 21          | 11.49                | 4.50               | 15.03                  | 11.00              | 16.44               | 24.00            | 10.32                | 5.88                  | 1.41                | 6.50             | 35.00             | 46.00                         | 5                       | 28      | 19           | 3                               | 1         | 4.09               | PS          |                  |             |                              |                         | 4.86                     | 170.10              |
| O1211       | 0.45  | 85       | 21          | 3.72                 | 1.00               | 5.01                   | 4.00               | 4.57                | 6.00             | 8.88                 | 1.14                  | 1.12                | 2.50             | 10.00             | 13.50                         | 1                       | 29      | 19           | 3                               | 1         | 3.29               | PS          |                  |             |                              |                         | 0.45                     | 4.50                |
| O1212       | 2.05  | 51       | 22P         | 92.00                | 25.50              | 27.80                  | 19.50              | 1.98                | 2.50             | 4.92                 | 0.62                  | 0.50                | 1.00             | 22.00             | 48.50                         | 7                       | 35      | 4            | 3                               | 1         | 2.82               | PS          |                  |             |                              |                         | 2.05                     | 45.10               |
| O1312       | 5.00  | 71       | 31          | 46.65                | 13.00              | 23.94                  | 17.50              | 14.40               | 21.00            | 10.46                | 10.12                 | 3.33                | 12.00            | 38.50             | 63.50                         | 1                       | 15      | 26           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 5.00                     | 192.50              |
| pp425*      | 7.08  | 12       | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 7.08                     | 0.00                |
| pp693*      | 0.81  | 5        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                       | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.81                     | 0.00                |
| 140.59      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                         |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |

| REMOVALS       |             |                |                                              |                          |  |                     |  |                                      |  | Suitable Acreage                |  |                                  |  | Potentially Suitable        |  |  |  | Future Potential |  |  |  |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|--|---------------------|--|--------------------------------------|--|---------------------------------|--|----------------------------------|--|-----------------------------|--|--|--|------------------|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed |  | Suitable BA Removed |  | Potentially Suitable Acreage Removed |  | Potentially Suitable BA Removed |  | Future Potential Acreage Removed |  | Future Potential BA Removed |  |  |  |                  |  |  |  |
| K0201          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 1.66                             |  | 58.53                       |  |  |  |                  |  |  |  |
| O1027          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 5.34                             |  | 179.05                      |  |  |  |                  |  |  |  |
| O1202          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 2.83                             |  | 73.58                       |  |  |  |                  |  |  |  |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 0.18                             |  | 1.80                        |  |  |  |                  |  |  |  |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 0.41                             |  | 15.79                       |  |  |  |                  |  |  |  |
| pp425*         | 2009        | 65554          | Construct Training Area Roads, Paved         |                          |  |                     |  |                                      |  |                                 |  | 1.23                             |  | 0.00                        |  |  |  |                  |  |  |  |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     |  | 0.00                |  | 0.00                                 |  | 0.00                            |  | 11.65                            |  | 328.75                      |  |  |  |                  |  |  |  |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |  |                     |  |                                      |  |                                 |  | 1.60                             |  | 53.65                       |  |  |  |                  |  |  |  |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |  |                     |  |                                      |  |                                 |  | 1.50                             |  | 57.75                       |  |  |  |                  |  |  |  |
| 2010 SUB-TOTAL |             |                |                                              | 0.00                     |  | 0.00                |  | 0.00                                 |  | 0.00                            |  | 3.10                             |  | 111.40                      |  |  |  |                  |  |  |  |
| TOTAL REMOVALS |             |                |                                              | 0.00                     |  | 0.00                |  | 0.00                                 |  | 0.00                            |  | 14.75                            |  | 440.15                      |  |  |  |                  |  |  |  |

| POST-PROJECT                 |        |          |        |          |  |  |  |  |
|------------------------------|--------|----------|--------|----------|--|--|--|--|
|                              |        | 2009     |        | 2010     |  |  |  |  |
|                              | Acres  | BA       | Acres  | BA       |  |  |  |  |
| Suitable Habitat             | 0.00   | 0.00     | 0.00   | 0.00     |  |  |  |  |
| Potentially Suitable Habitat | 2.67   | 120.15   | 2.67   | 120.15   |  |  |  |  |
| Future Potential Habitat     | 126.27 | 3,950.20 | 123.17 | 3,838.80 |  |  |  |  |
| TOTAL                        | 128.94 | 4,070.35 | 125.84 | 3,958.95 |  |  |  |  |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
22P = Slash Pine Plantation  
31 = Loblolly Pine

Suitability  
0=no data available  
1=non-growing season  
2=growing season  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-237. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-04; Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1007       | 0.36   | 76       | 31          | 16.54                | 5.00              | 8.06                  | 5.00               | 14.39               | 25.50            | 1.08                 | 1.52                  | 0.11                | 1.50            | 30.50            | 37.00                         | 1                             | 40      | 7            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1010       | 105.45 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67                | 5.06                  | 2.34                | 7.00            | 33.00            | 49.50                         | 6                             | 27      | 22           | 3                               | 1         | 0                  |                  |             | 105.45                       | 3,479.85                |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1012       | 0.32   | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                 | 0.00                  | 0.00                | 0.00            | 16.00            | 110.00                        | 1                             | 14      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.32                     | 5.12                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1015       | 4.26   | 54       | 31P         | 339.40               | 92.50             | 30.33                 | 17.50              | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 17.50            | 110.00                        | 6                             | 8       | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 4.26                     | 74.55               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1019       | 13.49  | 62       | 31          | 27.01                | 7.37              | 15.17                 | 11.05              | 16.20               | 25.79            | 55.15                | 3.24                  | 3.68                | 7.89            | 36.84            | 52.11                         | 8                             | 12      | 18           | 3                               | 1         | 0                  |                  |             | 13.49                        | 496.97                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1301       | 20.32  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29                | 14.31                 | 3.38                | 14.50           | 33.50            | 57.50                         | 7                             | 21      | 40           | 3                               | 1         | 0                  |                  |             | 20.32                        | 680.72                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp691*      | 12.81  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 12.81                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp692*      | 0.15   | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp819*      | 0.71   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.71                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp820*      | 6.95   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 6.95                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 164.82      |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|             |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    | 0.00             | 0.00        | 139.26                       | 4,657.54                | 25.05                    | 79.67               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1010          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     | 0.26                                 | 8.58                            |                                  |                             |
| O1019          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     | 0.35                                 | 12.89                           |                                  |                             |
| O1301          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     | 2.77                                 | 92.80                           |                                  |                             |
| pp819*         | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.05                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 3.38                                 | 114.27                          | 0.05                             | 0.00                        |
| O1010          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 1.43                                 | 47.19                           |                                  |                             |
| O1019          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 3.22                                 | 118.62                          |                                  |                             |
| O1301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 6.47                                 | 216.75                          |                                  |                             |
| pp819*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.21                             | 0.00                        |
| pp820*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 2 |                          |                     |                                      |                                 | 2.80                             | 0.00                        |
| 2010 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 11.12                                | 382.56                          | 3.01                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                | 14.50                                | 496.83                          | 3.06                             | 0.00                        |

| POST-PROJECT                 |        |          |        |          |
|------------------------------|--------|----------|--------|----------|
|                              | 2009   |          | 2010   |          |
|                              | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 0.00   | 0.00     | 0.00   | 0.00     |
| Potentially Suitable Habitat | 135.88 | 4,543.27 | 124.76 | 4,160.71 |
| Future Potential Habitat     | 25.00  | 79.67    | 21.99  | 79.67    |
| TOTAL                        | 160.88 | 4,622.94 | 146.75 | 4,240.38 |

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-238. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**010-04, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|----------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|------|------|------|--------|----------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1007       | 0.36   | 76       | 31          | 16.54                | 5.00              | 8.06                  | 5.00               | 14.39               | 25.50            | 1.08                | 1.52                 | 0.11               | 1.50            | 30.50            | 37.00                         | 1                    | 40      | 7            | 3                               | 1         | 4.49               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1010       | 105.45 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67               | 5.06                 | 2.34               | 7.00            | 33.00            | 49.50                         | 6                    | 27      | 22           | 3                               | 1         | 3.91               | PS          |                  |             |                              |                         | 105.45                   | 3,479.85            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1012       | 0.32   | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                | 0.00                 | 0.00               | 0.00            | 16.00            | 110.00                        | 1                    | 14      | 0            | 3                               | 1         | 2.47               | NH          |                  |             |                              |                         | 0.32                     | 5.12                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1015       | 4.26   | 54       | 31P         | 339.40               | 92.50             | 30.33                 | 17.50              | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 17.50            | 110.00                        | 6                    | 8       | 0            | 3                               | 1         | 2.56               | PS          |                  |             |                              |                         | 4.26                     | 74.55               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1019       | 13.49  | 62       | 31          | 27.01                | 7.37              | 15.17                 | 11.05              | 16.20               | 25.79            | 55.15               | 3.24                 | 3.68               | 7.89            | 36.84            | 52.11                         | 8                    | 12      | 18           | 3                               | 1         | 3.85               | PS          |                  |             |                              |                         | 13.49                    | 496.97              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| O1301       | 20.32  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29               | 14.31                | 3.38               | 14.50           | 33.50            | 57.50                         | 7                    | 21      | 40           | 3                               | 1         | 3.81               | PS          |                  |             |                              |                         | 20.32                    | 680.72              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| pp691*      | 12.81  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 12.81                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| pp692*      | 0.15   | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| pp819*      | 0.71   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.71                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| pp820*      | 6.95   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                    | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.95                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |      |      |        |          |
| 164.82      |        |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 | 0.00 | 0.00 | 0.00 | 164.31 | 4,737.21 |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1010          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.26                             | 8.58                        |
| O1019          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.35                             | 12.89                       |
| O1301          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 2.77                             | 92.80                       |
| pp819*         | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.05                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 3.43                             | 114.27                      |
| O1010          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.43                             | 47.19                       |
| O1019          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.22                             | 118.62                      |
| O1301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 6.47                             | 216.75                      |
| pp819*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.21                             | 0.00                        |
| pp820*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 2 |                          |                     |                                      |                                 | 2.80                             | 0.00                        |
| 2010 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 14.13                            | 382.56                      |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 17.56                            | 496.83                      |

| POST-PROJECT                 |        |          |        |          |
|------------------------------|--------|----------|--------|----------|
|                              | 2009   |          | 2010   |          |
|                              | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 0.00   | 0.00     | 0.00   | 0.00     |
| Potentially Suitable Habitat | 0.00   | 0.00     | 0.00   | 0.00     |
| Future Potential Habitat     | 160.88 | 4,622.94 | 146.75 | 4,240.38 |
| TOTAL                        | 160.88 | 4,622.94 | 146.75 | 4,240.38 |

Key:

BA= basal area

dbh= diameter at breast height

hwd= hardwood

hgc= herbaceous ground cover

Type Burn

0= no data available

1= non-growing season

2= growing season

Suitability

CS= currently suitable

PS= potentially suitable

NH= non-habitat

Hardwood Midstory:

1 = low, sparse

2 = low, moderate

3 = low, dense

4 = medium, sparse

5 = tall, sparse

6 = medium, moderate

7 = tall, moderate

Forest Type:

21P = Longleaf Pine Plantation

31 = Loblolly Pine

31P = Loblolly Pine Plantation

**Size:**  
BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
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4 = medium, sparse  
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Forest Type:  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-239. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-04, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                       |         |               |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-----------------------|---------|---------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4 10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4 10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1007       | 0.36   | 76       | 31          | 16.54                | 5.00              | 8.06                  | 5.00               | 14.39               | 25.50            | 1.08                 | 1.52                  | 0.11                | 1.50            | 30.50            | 37.00                         | 1                     | 40      | 7             | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O1010       | 105.45 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67                | 5.06                  | 2.34                | 7.00            | 33.00            | 49.50                         | 6                     | 27      | 22            | 3                               | 1         | 0                  |                  |             | 105.45                       | 3,479.85                | 0.32                     | 5.12                |
| O1012       | 0.32   | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                 | 0.00                  | 0.00                | 0.00            | 16.00            | 110.00                        | 1                     | 14      | 0             | 3                               | 1         | 0                  |                  |             |                              |                         | 4.26                     | 74.55               |
| O1015       | 4.26   | 54       | 31P         | 339.40               | 92.50             | 30.33                 | 17.50              | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 17.50            | 110.00                        | 6                     | 8       | 0             | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O1019       | 13.49  | 62       | 31          | 27.01                | 7.37              | 15.17                 | 11.05              | 16.20               | 25.79            | 55.15                | 3.24                  | 3.68                | 7.89            | 36.84            | 52.11                         | 8                     | 12      | 18            | 3                               | 1         | 0                  |                  |             | 13.49                        | 496.97                  |                          |                     |
| O1301       | 20.32  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29                | 14.31                 | 3.38                | 14.50           | 33.50            | 57.50                         | 7                     | 21      | 40            | 3                               | 1         | 0                  |                  |             | 20.32                        | 680.72                  |                          |                     |
| pp691*      | 12.81  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                     | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 12.81                    | 0.00                |
| pp692*      | 0.15   | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                     | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp819*      | 0.71   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                     | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 0.71                     | 0.00                |
| pp820*      | 6.95   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                     | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 6.95                     | 0.00                |
| 164.82      |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                       |         |               |                                 |           |                    | 0.00             | 0.00        | 139.26                       | 4,657.54                | 25.05                    | 79.67               |

| REMOVALS       |             |                |                                              | Suitable Acreage |                     | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential BA |
|----------------|-------------|----------------|----------------------------------------------|------------------|---------------------|----------------------|-------------------------|------------------|---------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Removed          | Suitable BA Removed | Acreage Removed      | Removed                 | Acreage Removed  | Removed             |
| O1010          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                  |                     | 1.69                 | 55.77                   |                  |                     |
| O1019          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                  |                     | 3.57                 | 131.52                  |                  |                     |
| O1301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                  |                     | 7.22                 | 241.87                  |                  |                     |
| pp819*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                  |                     |                      |                         | 0.26             | 0.00                |
| pp820*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                  |                     |                      |                         | 2.80             | 0.00                |
| TOTAL REMOVALS |             |                |                                              | 0.00             | 0.00                | 12.48                | 429.16                  | 3.06             | 0.00                |

| POST-PROJECT                 |               |                 | 2010 |
|------------------------------|---------------|-----------------|------|
| Suitable Habitat             | Acres         | BA              |      |
| Potentially Suitable Habitat | 0.00          | 4,228.38        |      |
| Future Potential Habitat     | 21.99         | 79.67           |      |
| <b>TOTAL</b>                 | <b>148.77</b> | <b>4,308.05</b> |      |

|                                                                                                                                                                              |                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| <b>Key:</b>                                                                                                                                                                  |                                |              |
| BA = basal area                                                                                                                                                              | Type Burn:                     | Stand Score  |
| dbh = diameter at breast height                                                                                                                                              | 0=no data available            | 0=Unsuitable |
| hwd = hardwood                                                                                                                                                               | 1=non-growing season           | 1=Suitable   |
| hgc = herbaceous ground cover                                                                                                                                                | 2=growing season               |              |
| Hardwood Midstory:                                                                                                                                                           |                                |              |
| 1 = low, sparse                                                                                                                                                              | Forest Type:                   |              |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 31 = Loblolly Pine             |              |
| 4 = medium, sparse                                                                                                                                                           | 31P = Loblolly Pine Plantation |              |
| 5 = tall, sparse                                                                                                                                                             |                                |              |
| 6 = medium, moderate                                                                                                                                                         |                                |              |
| 7 = tall, moderate                                                                                                                                                           |                                |              |
| 8 = medium, dense                                                                                                                                                            |                                |              |
| 9 = tall, dense                                                                                                                                                              |                                |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |              |

Appendix Table H-240. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O10-04, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1007       | 0.36   | 76       | 31          | 16.54                | 5.00              | 8.06                  | 5.00               | 14.39               | 25.50            | 1.08                 | 1.52                  | 0.11                | 1.50            | 30.50            | 37.00                         | 1                             | 40      | 7             | 3                               | 1         | 4.49               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1010       | 105.45 | 54       | 31          | 33.66                | 9.50              | 10.46                 | 7.50               | 15.61               | 25.50            | 20.67                | 5.06                  | 2.34                | 7.00            | 33.00            | 49.50                         | 6                             | 27      | 22            | 3                               | 1         | 3.91               | PS          |                  |             |                              |                         | 105.45                   | 3,479.85            |
| O1012       | 0.32   | 23       | 31P         | 356.97               | 94.00             | 26.74                 | 16.00              | 0.00                | 0.00             | 4.34                 | 0.00                  | 0.00                | 0.00            | 16.00            | 110.00                        | 1                             | 14      | 0             | 3                               | 1         | 2.47               | NH          |                  |             |                              |                         | 0.32                     | 5.12                |
| O1015       | 4.26   | 54       | 31P         | 339.40               | 92.50             | 30.33                 | 17.50              | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 17.50            | 110.00                        | 6                             | 8       | 0             | 3                               | 1         | 2.56               | PS          |                  |             |                              |                         | 4.26                     | 74.55               |
| O1019       | 13.49  | 62       | 31          | 27.01                | 7.37              | 15.17                 | 11.05              | 16.20               | 25.79            | 55.15                | 3.24                  | 3.68                | 7.89            | 36.84            | 52.11                         | 8                             | 12      | 18            | 3                               | 1         | 3.85               | PS          |                  |             |                              |                         | 13.49                    | 496.97              |
| O1301       | 20.32  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29                | 14.31                 | 3.38                | 14.50           | 33.50            | 57.50                         | 7                             | 21      | 40            | 3                               | 1         | 3.81               | PS          |                  |             |                              |                         | 20.32                    | 680.72              |
| pp691*      | 12.81  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 12.81                    | 0.00                |
| pp692*      | 0.15   | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp819*      | 0.71   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.71                     | 0.00                |
| pp820*      | 6.95   | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 6.95                     | 0.00                |
| 164.82      |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    | 0.00        | 0.00             | 0.00        | 0.00                         | 164.31                  | 4,737.21                 |                     |

| REMOVALS       |             |                |                                              |         |  |                     |  |                 |  | Suitable Acreage |  | Potentially Suitable |  | Future Potential |  |
|----------------|-------------|----------------|----------------------------------------------|---------|--|---------------------|--|-----------------|--|------------------|--|----------------------|--|------------------|--|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Removed |  | Suitable BA Removed |  | Acreage Removed |  | Removed          |  | Acreage Removed      |  | Acreage Removed  |  |
| O1010          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |         |  |                     |  |                 |  |                  |  |                      |  | 1.69             |  |
| O1019          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |         |  |                     |  |                 |  |                  |  |                      |  | 3.57             |  |
| O1301          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |         |  |                     |  |                 |  |                  |  |                      |  | 7.22             |  |
| pp819*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |         |  |                     |  |                 |  |                  |  |                      |  | 0.26             |  |
| pp820*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |         |  |                     |  |                 |  |                  |  |                      |  | 2.80             |  |
| TOTAL REMOVALS |             |                |                                              | 0.00    |  | 0.00                |  | 0.00            |  | 0.00             |  | 0.00                 |  | 15.54            |  |

| POST-PROJECT                 |  |  | 2010   |
|------------------------------|--|--|--------|
|                              |  |  | Acres  |
| Suitable Habitat             |  |  | 0.00   |
| Potentially Suitable Habitat |  |  | 0.00   |
| Future Potential Habitat     |  |  | 148.77 |
| TOTAL                        |  |  | 148.77 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Forest Type:  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-241. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O11-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                       |                    |                       |                     |                     |                  |                     |                      |                     |                  |                   |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
|-------------|-------|----------|-------------|-----------------------|--------------------|-----------------------|---------------------|---------------------|------------------|---------------------|----------------------|---------------------|------------------|-------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|----------|-------|--------|-------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4- 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10-14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O0429       | 17.06 | 62       | 26P         | 30.91                 | 9.50               | 16.50                 | 12.50               | 11.19               | 15.00            | 13.49               | 1.96                 | 0.50                | 2.50             | 27.50             | 39.50                         | 1                            | 28      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 17.06                    | 469.15              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O0430       | 26.64 | 56       | 31          | 20.19                 | 7.50               | 16.97                 | 12.00               | 9.67                | 16.00            | 4.06                | 4.49                 | 0.37                | 3.50             | 28.00             | 39.00                         | 1                            | 37      | 15           | 3                               | 1         | 0                  |                  |             |                              |                         | 26.64                    | 745.92              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1107       | 9.22  | 51       | 31          | 34.78                 | 10.50              | 21.21                 | 14.50               | 10.87               | 18.50            | 18.12               | 5.11                 | 1.15                | 5.00             | 33.00             | 48.50                         | 1                            | 38      | 16           | 3                               | 1         | 1                  | 9.22             | 304.26      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1108       | 9.11  | 60       | 31          | 37.56                 | 12.22              | 30.82                 | 23.33               | 30.64               | 43.33            | 0.00                | 1.62                 | 0.00                | 1.11             | 66.67             | 80.00                         | 1                            | 51      | 3            | 3                               | 1         | 1                  | 9.11             | 607.36      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1109       | 4.52  | 53       | 13          | 20.34                 | 8.00               | 15.97                 | 12.00               | 0.00                | 0.00             | 41.97               | 2.20                 | 1.90                | 4.00             | 12.00             | 24.00                         | 5                            | 15      | 20           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.52                     | 54.24               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1110       | 12.10 | 82       | 26          | 25.60                 | 8.00               | 23.88                 | 16.50               | 17.85               | 27.00            | 11.83               | 3.34                 | 0.80                | 3.50             | 43.50             | 55.00                         | 1                            | 29      | 9            | 3                               | 1         | 1                  | 12.10            | 526.35      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1111       | 10.48 | 43       | 13          | 37.92                 | 12.00              | 24.60                 | 17.50               | 12.35               | 17.00            | 50.31               | 3.81                 | 0.75                | 3.50             | 34.50             | 50.00                         | 7                            | 11      | 11           | 3                               | 1         | 0                  |                  |             | 10.48                        | 361.56                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1114       | 4.48  | 65       | 66**        | 13.86                 | 3.50               | 1.14                  | 1.00                | 5.33                | 8.00             | 28.53               | 17.15                | 4.29                | 16.50            | 9.00              | 29.00                         | 6                            | 23      | 77           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1115       | 6.41  | 74       | 31          | 71.97                 | 20.53              | 28.95                 | 20.00               | 10.59               | 14.21            | 20.28               | 8.07                 | 1.42                | 7.37             | 34.21             | 62.11                         | 1                            | 21      | 19           | 3                               | 1         | 0                  |                  |             | 6.41                         | 219.29                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1119       | 19.63 | 98       | 21          | 0.00                  | 0.00               | 7.29                  | 6.00                | 53.17               | 78.00            | 0.00                | 1.17                 | 0.97                | 2.50             | 84.00             | 86.50                         | 1                            | 28      | 3            | 3                               | 1         | 1                  | 19.63            | 1,648.92    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1122       | 10.77 | 54       | 31          | 11.27                 | 3.50               | 16.55                 | 12.50               | 19.50               | 32.00            | 13.07               | 8.61                 | 3.28                | 11.00            | 44.50             | 59.00                         | 1                            | 23      | 25           | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1130       | 7.50  | 82       | 21          | 47.33                 | 15.71              | 41.06                 | 27.14               | 6.76                | 11.43            | 8.68                | 0.00                 | 0.00                | 0.00             | 38.57             | 54.29                         | 1                            | 19      | 0            | 3                               | 1         | 1                  | 7.50             | 289.28      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1131       | 7.06  | 22       | 10          | 24.35                 | 7.14               | 0.00                  | 0.00                | 11.32               | 18.57            | 20.35               | 10.72                | 0.92                | 8.57             | 18.57             | 34.29                         | 2                            | 20      | 51           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| O1132       | 5.39  | 80       | 31          | 109.12                | 32.00              | 56.21                 | 42.00               | 9.19                | 12.00            | 4.53                | 0.00                 | 0.00                | 0.00             | 54.00             | 86.00                         | 2                            | 22      | 0            | 3                               | 1         | 0                  |                  |             | 5.39                         | 291.06                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| pp334*      | 1.99  | 11       | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.99                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| pp383*      | 0.06  | 11       | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.06                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| pp700*      | 2.44  | 5        | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| pp701*      | 20.20 | 5        | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 20.20                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |       |        |       |          |
| 175.06      |       |          |             |                       |                    |                       |                     |                     |                  |                     |                      |                     |                  |                   |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 57.56 | 3,376.17 | 22.28 | 871.91 | 70.47 | 1,269.31 |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |
| O0430          | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     |                                      |                                 | 0.25                             | 7.00                        |  |  |  |  |
| O1107          | 2009        | 69742          | Northern Training Area Infrastructure        | 2.40                     | 79.20               |                                      |                                 |                                  |                             |  |  |  |  |
| O1108          | 2009        | 69742          | Northern Training Area Infrastructure        | 0.98                     | 65.34               |                                      |                                 |                                  |                             |  |  |  |  |
| O1115          | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     | 0.40                                 | 13.68                           |                                  |                             |  |  |  |  |
| O1132          | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     | 1.06                                 | 57.24                           |                                  |                             |  |  |  |  |
| pp383*         | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     |                                      |                                 | 0.06                             | 0.00                        |  |  |  |  |
| pp701*         | 2009        | 69742          | Northern Training Area Infrastructure        |                          |                     |                                      |                                 | 8.48                             | 0.00                        |  |  |  |  |
| 2009 SUB-TOTAL |             |                |                                              | 3.38                     | 144.54              | 1.46                                 | 70.92                           | 8.79                             | 7.00                        |  |  |  |  |
| O0430          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.11                             | 3.08                        |  |  |  |  |
| 2010 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 0.11                             | 3.08                        |  |  |  |  |
| TOTAL REMOVALS |             |                |                                              | 3.38                     | 144.54              | 1.46                                 | 70.92                           | 8.90                             | 10.08                       |  |  |  |  |

| POST-PROJECT                 |       |    |  | 2009   |          | 2010   |          |
|------------------------------|-------|----|--|--------|----------|--------|----------|
| Suitable Habitat             | Acres | BA |  | 54.18  | 3,231.63 | 54.18  | 3,231.63 |
| Potentially Suitable Habitat | Acres | BA |  | 20.82  | 800.99   | 20.82  | 800.99   |
| Future Potential Habitat     | Acres | BA |  | 61.68  | 1,262.31 | 61.57  | 1,259.23 |
| TOTAL                        | Acres | BA |  | 136.68 | 5,294.93 | 136.57 | 5,291.85 |

| Key:                                                                                                                                                                         |                                           |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|
| BA= basal area                                                                                                                                                               | Type Burn                                 | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available                       | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season                      | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season                          |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                              |              |
| 1 = low, sparse                                                                                                                                                              | 10 = Yellow Pine-Upland Hardwood          |              |
| 2 = low, moderate                                                                                                                                                            | 13 = Loblolly Pine-Hardwood               |              |
| 3 = low, dense                                                                                                                                                               | 21 = Longleaf Pine                        |              |
| 4 = medium, sparse                                                                                                                                                           | 21P = Longleaf Pine Plantation            |              |
| 5 = tall, sparse                                                                                                                                                             | 26 = Mixed Pine-Longleaf                  |              |
| 6 = medium, moderate                                                                                                                                                         | 26P = Mixed Pine-Longleaf Plantation      |              |
| 7 = tall, moderate                                                                                                                                                           | 31 = Loblolly Pine                        |              |
| 8 = medium, dense                                                                                                                                                            | 66* = Oak-Hickory (managed for hardwoods) |              |
| 9 = tall, dense                                                                                                                                                              |                                           |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                           |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                           |              |

Appendix Table H-242. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O11-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia. Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|----------|------|--------|--------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0429       | 17.06 | 62       | 26P         | 30.91                | 9.50              | 16.50                 | 12.50              | 11.19               | 15.00            | 13.49               | 1.96                 | 0.50               | 2.50            | 27.50            | 39.50                         | 1                           | 28      | 8            | 3                               | 1         | 3.76               | PS          |                  |             |                              |                         | 17.06                    | 469.15              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O0430       | 26.64 | 56       | 31          | 20.19                | 7.50              | 16.97                 | 12.00              | 9.67                | 16.00            | 4.06                | 4.49                 | 0.37               | 3.50            | 28.00            | 39.00                         | 1                           | 37      | 15           | 3                               | 1         | 3.74               | PS          |                  |             |                              |                         | 26.64                    | 745.92              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1107       | 9.22  | 51       | 31          | 34.78                | 10.50             | 21.21                 | 14.50              | 10.87               | 18.50            | 18.12               | 5.11                 | 1.15               | 5.00            | 33.00            | 48.50                         | 1                           | 38      | 16           | 3                               | 1         | 3.74               | PS          |                  |             |                              |                         | 9.22                     | 304.26              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1108       | 9.11  | 60       | 31          | 37.56                | 12.22             | 30.82                 | 23.33              | 30.64               | 43.33            | 0.00                | 1.62                 | 0.00               | 1.11            | 66.67            | 80.00                         | 1                           | 51      | 3            | 3                               | 1         | 4.33               | PS          |                  |             | 9.11                         | 607.36                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1109       | 4.52  | 53       | 13          | 20.34                | 8.00              | 15.97                 | 12.00              | 0.00                | 0.00             | 41.97               | 2.20                 | 1.90               | 4.00            | 12.00            | 24.00                         | 5                           | 15      | 20           | 3                               | 1         | 2.48               | PS          |                  |             |                              |                         | 4.52                     | 54.24               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1110       | 12.10 | 82       | 26          | 25.60                | 8.00              | 23.88                 | 16.50              | 17.85               | 27.00            | 11.83               | 3.34                 | 0.80               | 3.50            | 43.50            | 55.00                         | 1                           | 29      | 9            | 3                               | 1         | 4.17               | PS          |                  |             |                              |                         | 12.10                    | 526.35              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1111       | 10.48 | 43       | 13          | 37.92                | 12.00             | 24.60                 | 17.50              | 12.35               | 17.00            | 50.31               | 3.81                 | 0.75               | 3.50            | 34.50            | 50.00                         | 7                           | 11      | 11           | 3                               | 1         | 3.05               | PS          |                  |             |                              |                         | 10.48                    | 361.56              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1114       | 4.48  | 65       | 66**        | 13.86                | 3.50              | 1.14                  | 1.00               | 5.33                | 8.00             | 28.53               | 17.15                | 4.29               | 16.50           | 9.00             | 29.00                         | 6                           | 23      | 77           | 3                               | 1         | 3.03               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1115       | 6.41  | 74       | 31          | 71.97                | 20.53             | 28.95                 | 20.00              | 10.59               | 14.21            | 20.28               | 8.07                 | 1.42               | 7.37            | 34.21            | 62.11                         | 1                           | 21      | 19           | 3                               | 1         | 3.60               | PS          |                  |             |                              |                         | 6.41                     | 219.29              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1119       | 19.63 | 98       | 21          | 0.00                 | 0.00              | 7.29                  | 6.00               | 53.17               | 78.00            | 0.00                | 1.17                 | 0.97               | 2.50            | 84.00            | 86.50                         | 1                           | 28      | 3            | 3                               | 1         | 4.33               | CS          | 19.63            | 1,648.92    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1122       | 10.77 | 54       | 31          | 11.27                | 3.50              | 16.55                 | 12.50              | 19.50               | 32.00            | 13.07               | 8.61                 | 3.28               | 11.00           | 44.50            | 59.00                         | 1                           | 23      | 25           | 3                               | 1         | 4.19               | PS          |                  |             |                              |                         | 10.77                    | 479.27              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1130       | 7.50  | 82       | 21          | 47.33                | 15.71             | 41.06                 | 27.14              | 6.76                | 11.43            | 8.68                | 0.00                 | 0.00               | 0.00            | 38.57            | 54.29                         | 1                           | 19      | 0            | 3                               | 1         | 3.37               | PS          |                  |             |                              |                         | 7.50                     | 289.28              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1131       | 7.06  | 22       | 10          | 24.35                | 7.14              | 0.00                  | 0.00               | 11.32               | 18.57            | 20.35               | 10.72                | 0.92               | 8.57            | 18.57            | 34.29                         | 2                           | 20      | 51           | 3                               | 1         | 3.12               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| O1132       | 5.39  | 80       | 31          | 109.12               | 32.00             | 56.21                 | 42.00              | 9.19                | 12.00            | 4.53                | 0.00                 | 0.00               | 0.00            | 54.00            | 86.00                         | 2                           | 22      | 0            | 3                               | 1         | 3.56               | PS          |                  |             |                              |                         | 5.39                     | 291.06              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp334*      | 1.99  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 1.99                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp383*      | 0.06  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 0.06                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp700*      | 2.44  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 2.44                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
| pp701*      | 20.20 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 20.20                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |          |      |        |        |          |
|             |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             | 175.06           |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 19.63 | 1,648.92 | 9.11 | 607.36 | 134.78 | 3,740.38 |

| REMOVALS       |             |                |                                              |      |  |      |  |      |  | Suitable Acreage Removed |  | Suitable BA Removed |  | Potentially Suitable Acreage Removed |  | Potentially Suitable BA Removed |  | Future Potential Acreage Removed |      | Future Potential BA Removed |       |
|----------------|-------------|----------------|----------------------------------------------|------|--|------|--|------|--|--------------------------|--|---------------------|--|--------------------------------------|--|---------------------------------|--|----------------------------------|------|-----------------------------|-------|
| Stand          | Fiscal Year | Project Number | Project Name                                 |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  |      |                             |       |
| O0430          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 0.25 |                             | 7.00  |
| O1107          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 2.40 |                             | 79.20 |
| O1108          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  | 0.98                                 |  | 65.34                           |  |                                  |      |                             |       |
| O1115          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 0.40 |                             | 13.68 |
| O1122          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 1.67 |                             | 74.32 |
| O1132          | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 1.06 |                             | 57.24 |
| pp383*         | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 0.06 |                             | 0.00  |
| pp701*         | 2009        | 69742          | Northern Training Area Infrastructure        |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 8.48 |                             | 0.00  |
| TOTAL REMOVALS |             |                |                                              | 0.00 |  | 0.00 |  | 0.98 |  | 65.34                    |  | 14.32               |  | 231.44                               |  |                                 |  |                                  |      |                             |       |
| O0430          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |      |  |      |  |      |  |                          |  |                     |  |                                      |  |                                 |  |                                  | 0.11 |                             | 3.08  |
| 2010 SUB-TOTAL |             |                |                                              | 0.00 |  | 0.00 |  | 0.00 |  | 0.00                     |  | 0.11                |  | 3.08                                 |  |                                 |  |                                  |      |                             |       |
| TOTAL REMOVALS |             |                |                                              | 0.00 |  | 0.00 |  | 0.98 |  | 65.34                    |  | 14.43               |  | 234.52                               |  |                                 |  |                                  |      |                             |       |

| POST-PROJECT                 |  |  |        |          |        |  |  |          |  |  |  |
|------------------------------|--|--|--------|----------|--------|--|--|----------|--|--|--|
|                              |  |  | 2009   |          | 2010   |  |  |          |  |  |  |
| Acres                        |  |  | BA     |          | Acres  |  |  | BA       |  |  |  |
| Suitable Habitat             |  |  | 19.63  | 1,648.92 | 19.63  |  |  | 1,648.92 |  |  |  |
| Potentially Suitable Habitat |  |  | 8.13   | 542.02   | 8.13   |  |  | 542.02   |  |  |  |
| Future Potential Habitat     |  |  | 120.46 | 3,508.94 | 120.35 |  |  | 3,505.86 |  |  |  |
| TOTAL                        |  |  | 148.22 | 5,699.88 | 148.11 |  |  | 5,696.80 |  |  |  |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
13 = Loblolly Pine-Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
26 = Mixed Pine-Longleaf  
26P = Mixed Pine-Longleaf Plantation  
31 = Loblolly Pine  
66\*\* = Oak-Hickory (managed for hardwoods)

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-243. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O11-02F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |
| O0102       | 9.77   | 79       | 21          | 9.49                 | 3.50              | 14.09                 | 10.50              | 12.03               | 17.00            | 20.54                | 4.12                  | 1.60                | 5.50            | 27.50            | 36.50                         | 1                             | 21      | 18            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| O0107       | 34.46  | 59       | 21          | 13.09                | 4.00              | 30.59                 | 23.00              | 13.52               | 17.50            | 4.77                 | 3.36                  | 1.81                | 5.50            | 40.50            | 50.00                         | 1                             | 25      | 10            | 3                               | 1         | 1                  | 34.46            | 1,395.63    |                              |                         |                          |                     |  |
| O0107       | 0.01   | 59       | 21          | 13.09                | 4.00              | 30.59                 | 23.00              | 13.52               | 17.50            | 4.77                 | 3.36                  | 1.81                | 5.50            | 40.50            | 50.00                         | 1                             | 25      | 10            | 3                               | 1         | 1                  | 0.01             | 0.41        |                              |                         |                          |                     |  |
| O0109       | 4.20   | 59       | 31          | 17.62                | 5.50              | 18.71                 | 13.00              | 15.97               | 22.00            | 6.10                 | 5.31                  | 2.75                | 8.00            | 35.00            | 48.50                         | 3                             | 21      | 19            | 3                               | 1         | 1                  | 4.20             | 147.00      |                              |                         |                          |                     |  |
| O0109       | 0.01   | 59       | 31          | 17.62                | 5.50              | 18.71                 | 13.00              | 15.97               | 22.00            | 6.10                 | 5.31                  | 2.75                | 8.00            | 35.00            | 48.50                         | 3                             | 21      | 19            | 3                               | 1         | 1                  | 0.01             | 0.35        |                              |                         |                          |                     |  |
| O0110       | 0.88   | 23       | NM          | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| O0116       | 7.17   | 61       | 31          | 6.68                 | 2.00              | 9.18                  | 7.00               | 15.59               | 24.50            | 4.22                 | 0.00                  | 0.28                | 1.00            | 31.50            | 34.50                         | 1                             | 37      | 1             | 3                               | 1         | 1                  | 7.17             | 225.86      |                              |                         |                          |                     |  |
| O0342       | 2.11   | 86       | 21          | 10.10                | 3.00              | 8.21                  | 6.00               | 19.84               | 29.00            | 14.41                | 5.03                  | 3.66                | 9.50            | 35.00            | 47.50                         | 7                             | 25      | 24            | 3                               | 1         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |  |
| O1103       | 0.42   | 52       | 31          | 97.61                | 30.00             | 39.25                 | 28.33              | 10.05               | 11.67            | 12.62                | 4.35                  | 2.68                | 6.67            | 40.00            | 76.67                         | 1                             | 18      | 12            | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |  |
| O1501       | 5.99   | 50       | 10          | 99.81                | 25.00             | 21.42                 | 15.00              | 3.82                | 5.00             | 24.18                | 9.22                  | 10.08               | 21.67           | 20.00            | 66.67                         | 1                             | 10      | 43            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| O1503       | 25.65  | 70       | 31          | 12.18                | 4.50              | 26.55                 | 20.00              | 19.68               | 28.00            | 2.57                 | 1.99                  | 0.42                | 2.50            | 48.00            | 55.00                         | 1                             | 37      | 5             | 3                               | 1         | 1                  | 25.65            | 1,231.20    |                              |                         |                          |                     |  |
| O1504       | 10.57  | 80       | 31          | 11.64                | 2.50              | 5.12                  | 4.00               | 13.04               | 21.50            | 0.00                 | 2.14                  | 1.88                | 5.00            | 25.50            | 33.00                         | 1                             | 33      | 18            | 3                               | 1         | 0                  |                  |             |                              |                         | 10.57                    | 269.54              |  |
| pp632*      | 2.26   | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| pp958*      | 9.26   | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         | 9.26                     | 0.00                |  |
|             | 112.76 |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    | 71.50            | 3,000.45    | 0.00                         | 0.00                    | 19.83                    | 269.54              |  |

| REMOVALS       |             |                |                                       |                          |                     |                                      |                                 |
|----------------|-------------|----------------|---------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                          | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O0107          | 2009        | 69742          | Northern Training Area Infrastructure | 9.56                     | 387.18              |                                      |                                 |
| O0109          | 2009        | 69742          | Northern Training Area Infrastructure | 0.87                     | 30.45               |                                      |                                 |
| O0116          | 2009        | 69742          | Northern Training Area Infrastructure | 0.88                     | 27.72               |                                      |                                 |
| O1503          | 2009        | 69742          | Northern Training Area Infrastructure | 2.46                     | 118.08              |                                      |                                 |
| O1504          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     | 1.16                                 | 29.58                           |
| TOTAL REMOVALS |             |                |                                       | 13.77                    | 563.43              | 0.00                                 | 0.00                            |

| POST-PROJECT                 |       |          |
|------------------------------|-------|----------|
|                              | 2009  | BA       |
| Suitable Habitat             | 57.73 | 2,437.02 |
| Potentially Suitable Habitat | 0.00  | 0.00     |
| Future Potential Habitat     | 18.67 | 239.96   |
| TOTAL                        | 76.40 | 2,676.98 |

| Key:                                                                                                                                                                         |                                  |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|
| BA = basal area                                                                                                                                                              | Type Burn                        | Stand Score  |
| dbh = diameter at breast height                                                                                                                                              | 0=no data available              | 0=Unsuitable |
| hwd = hardwood                                                                                                                                                               | 1=non-growing season             | 1=Suitable   |
| hgc = herbaceous ground cover                                                                                                                                                | 2=growing season                 |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                     |              |
| 1 = low, sparse                                                                                                                                                              | 10 = Yellow Pine-Upland Hardwood |              |
| 2 = low, moderate                                                                                                                                                            | 21 = Longleaf Pine               |              |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation   |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine               |              |
| 5 = tall, sparse                                                                                                                                                             | NM = not managed                 |              |
| 6 = medium, moderate                                                                                                                                                         |                                  |              |
| 7 = tall, moderate                                                                                                                                                           |                                  |              |
| 8 = medium, dense                                                                                                                                                            |                                  |              |
| 9 = tall, dense                                                                                                                                                              |                                  |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                  |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                  |              |

Appendix Table H-244. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O11-02R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                       |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|-----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4- 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0102       | 9.77  | 79       | 21          | 9.49                  | 3.50               | 14.09                  | 10.50              | 12.03               | 17.00            | 20.54                | 4.12                  | 1.60                | 5.50             | 27.50             | 36.50                         | 1                           | 21      | 18           | 3                               | 1         | 3.98               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0107       | 34.46 | 59       | 21          | 13.09                 | 4.00               | 30.59                  | 23.00              | 13.52               | 17.50            | 4.77                 | 3.36                  | 1.81                | 5.50             | 40.50             | 50.00                         | 1                           | 25      | 10           | 3                               | 1         | 4.15               | PS          |                  |             |                              |                         | 34.46                    | 1,395.63            |
| O0107       | 0.01  | 59       | 21          | 13.09                 | 4.00               | 30.59                  | 23.00              | 13.52               | 17.50            | 4.77                 | 3.36                  | 1.81                | 5.50             | 40.50             | 50.00                         | 1                           | 25      | 10           | 3                               | 1         | 4.15               | PS          |                  |             |                              |                         | 0.01                     | 0.41                |
| O0109       | 4.20  | 59       | 31          | 17.62                 | 5.50               | 18.71                  | 13.00              | 15.97               | 22.00            | 6.10                 | 5.31                  | 2.75                | 8.00             | 35.00             | 48.50                         | 3                           | 21      | 19           | 3                               | 1         | 3.18               | PS          |                  |             |                              |                         | 4.20                     | 147.00              |
| O0109       | 0.01  | 59       | 31          | 17.62                 | 5.50               | 18.71                  | 13.00              | 15.97               | 22.00            | 6.10                 | 5.31                  | 2.75                | 8.00             | 35.00             | 48.50                         | 3                           | 21      | 19           | 3                               | 1         | 4.18               | PS          |                  |             |                              |                         | 0.01                     | 0.35                |
| O0110       | 0.88  | 23       | NM          | 0.00                  | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 2.06               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| O0116       | 7.17  | 61       | 31          | 6.68                  | 2.00               | 9.18                   | 7.00               | 15.59               | 24.50            | 4.22                 | 0.00                  | 0.28                | 1.00             | 31.50             | 34.50                         | 1                           | 37      | 1            | 3                               | 1         | 4.49               | PS          |                  |             |                              |                         | 7.17                     | 225.86              |
| O0342       | 2.11  | 86       | 21          | 10.10                 | 3.00               | 8.21                   | 6.00               | 19.84               | 29.00            | 14.41                | 5.03                  | 3.66                | 9.50             | 35.00             | 47.50                         | 7                           | 25      | 24           | 3                               | 1         | 4.06               | PS          |                  |             | 0.00                         | 0.00                    |                          |                     |
| O1103       | 0.42  | 52       | 31          | 97.61                 | 30.00              | 39.25                  | 28.33              | 10.05               | 11.67            | 12.62                | 4.35                  | 2.68                | 6.67             | 40.00             | 76.67                         | 1                           | 18      | 12           | 3                               | 1         | 3.61               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1501       | 5.99  | 50       | 10          | 99.81                 | 25.00              | 21.42                  | 15.00              | 3.82                | 5.00             | 24.18                | 9.22                  | 10.08               | 21.67            | 20.00             | 66.67                         | 1                           | 10      | 43           | 3                               | 1         | 2.85               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1503       | 25.65 | 70       | 31          | 12.18                 | 4.50               | 26.55                  | 20.00              | 19.68               | 28.00            | 2.57                 | 1.99                  | 0.42                | 2.50             | 48.00             | 55.00                         | 1                           | 37      | 5            | 3                               | 1         | 4.75               | CS          | 25.65            | 1,231.20    |                              |                         |                          |                     |
| O1504       | 10.57 | 80       | 31          | 11.64                 | 2.50               | 5.12                   | 4.00               | 13.04               | 21.50            | 0.00                 | 2.14                  | 1.88                | 5.00             | 25.50             | 33.00                         | 1                           | 33      | 18           | 3                               | 1         | 4.32               | PS          |                  |             |                              |                         | 10.57                    | 269.54              |
| pp632*      | 2.26  | 6        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp958*      | 9.26  | 1        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 9.26                     | 0.00                |
| 112.76      |       |          |             |                       |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             | 25.65            | 1,231.20    | 0.00                         | 0.00                    | 65.68                    | 2,038.79            |

| REMOVALS       |             |                |                                       |                          |                                 |                                 |                                  |                             |
|----------------|-------------|----------------|---------------------------------------|--------------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                          | Suitable Acreage Removed | Potentially Suitable BA Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O0107          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                                 |                                 | 9.56                             | 387.18                      |
| O0109          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                                 |                                 | 0.87                             | 30.45                       |
| O0116          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                                 |                                 | 0.88                             | 27.72                       |
| O1503          | 2009        | 69742          | Northern Training Area Infrastructure | 2.46                     | 118.08                          |                                 |                                  |                             |
| O1504          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                                 |                                 | 1.16                             | 29.58                       |
| TOTAL REMOVALS |             |                |                                       | 2.46                     | 118.08                          | 0.00                            | 12.47                            | 474.93                      |

| POST-PROJECT                 |       |          |
|------------------------------|-------|----------|
| 2009                         |       |          |
| Suitable Habitat             | Acres | BA       |
| Suitable Habitat             | 23.19 | 1,113.12 |
| Potentially Suitable Habitat | 0.00  | 0.00     |
| Future Potential Habitat     | 53.21 | 1,563.86 |
| TOTAL                        | 76.40 | 2,676.98 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
NM = not managed

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-245. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O12-01; Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1219       | 13.69 | 55       | 21          | 13.79                | 3.50              | 19.84                 | 15.00              | 15.18               | 21.00            | 8.66                 | 0.00                  | 0.74                | 1.00            | 36.00            | 40.50                         | 6                            | 28      | 2            | 3                               | 1         | 0                  |                  |             | 13.69                        | 492.84                  |                          |                     |
| O1222       | 2.65  | 81       | 31          | 47.21                | 15.00             | 30.68                 | 22.50              | 15.22               | 22.00            | 8.56                 | 4.30                  | 3.16                | 7.00            | 44.50            | 66.50                         | 8                            | 29      | 14           | 3                               | 1         | 0                  |                  |             | 2.65                         | 117.93                  |                          |                     |
| O1223       | 7.38  | 55       | 31          | 16.33                | 5.26              | 24.95                 | 17.89              | 14.16               | 20.53            | 16.33                | 5.07                  | 2.80                | 8.42            | 38.42            | 52.11                         | 6                            | 6       | 17           | 3                               | 1         | 0                  |                  |             | 7.38                         | 283.54                  |                          |                     |
| O1224       | 1.68  | 46       | 13          | 38.93                | 11.50             | 14.91                 | 10.50              | 9.68                | 15.50            | 36.22                | 6.72                  | 2.66                | 8.50            | 26.00            | 46.00                         | 7                            | 13      | 28           | 3                               | 1         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| O1226       | 29.85 | 53       | 31          | 33.85                | 11.00             | 25.14                 | 18.00              | 10.82               | 14.50            | 7.73                 | 1.89                  | 0.96                | 2.50            | 32.50            | 46.00                         | 1                            | 27      | 7            | 3                               | 1         | 1                  | 29.85            | 970.13      |                              |                         |                          |                     |
| O1227       | 23.26 | 65       | 31          | 14.92                | 5.26              | 10.85                 | 7.89               | 5.61                | 7.37             | 3.44                 | 1.25                  | 0.29                | 1.58            | 15.26            | 22.11                         | 2                            | 23      | 9            | 3                               | 1         | 0                  |                  |             |                              | 23.26                   | 354.95                   |                     |
| O1228       | 14.78 | 65       | 10          | 61.61                | 17.50             | 36.49                 | 25.50              | 29.00               | 41.00            | 27.83                | 8.94                  | 1.82                | 9.00            | 66.50            | 93.00                         | 9                            | 41      | 14           | 3                               | 1         | 0                  |                  |             | 14.78                        | 982.87                  |                          |                     |
| O1229       | 22.05 | 56       | 13          | 70.72                | 19.50             | 29.37                 | 20.00              | 10.61               | 15.00            | 35.61                | 12.90                 | 2.76                | 13.50           | 35.00            | 68.00                         | 1                            | 44      | 28           | 3                               | 1         | 1                  | 22.05            | 771.75      |                              |                         |                          |                     |
| O1233       | 49.66 | 73       | 21          | 9.48                 | 3.00              | 11.64                 | 8.50               | 8.63                | 12.50            | 10.66                | 4.06                  | 0.88                | 4.00            | 21.00            | 28.00                         | 6                            | 27      | 20           | 3                               | 1         | 0                  |                  |             |                              | 49.66                   | 1,042.86                 |                     |
| O1234       | 16.17 | 125      | 21          | 4.11                 | 1.58              | 10.14                 | 7.37               | 23.22               | 38.42            | 27.75                | 4.96                  | 3.42                | 9.47            | 45.79            | 56.84                         | 1                            | 55      | 20           | 3                               | 1         | 1                  | 16.17            | 740.42      |                              |                         |                          |                     |
| O1236       | 2.43  | 95       | 31          | 47.23                | 10.00             | 37.04                 | 28.33              | 14.80               | 20.00            | 0.00                 | 0.00                  | 3.78                | 6.67            | 48.33            | 65.00                         | 3                            | 25      | 7            | 3                               | 1         | 1                  | 2.43             | 117.44      |                              |                         |                          |                     |
| pp1054*     | 0.56  | 0        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| pp362*      | 2.51  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 2.51                    | 0.00                     |                     |
| 186.67      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    | 70.50            | 2,599.74    | 38.50                        | 1,877.18                | 75.43                    | 1,397.81            |

| REMOVALS       |             |                |                                   |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                      | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1233          | 2009        | 69741          | Tactical Training Base 19D/K OSUT |                          |                     |                                      |                                 | 9.59                             | 201.39                      |
| TOTAL REMOVALS |             |                |                                   | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 9.59                             | 201.39                      |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
|                              | Acres  | BA       |
| Suitable Habitat             | 70.50  | 2,599.74 |
| Potentially Suitable Habitat | 38.50  | 1,877.18 |
| Future Potential Habitat     | 65.84  | 1,196.42 |
| TOTAL                        | 174.84 | 5,673.34 |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
13 = Loblolly Pine-Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-246. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster  
**O12-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1219       | 13.69 | 55       | 21          | 13.79                | 3.50              | 19.84                 | 15.00              | 15.18               | 21.00            | 8.66                | 0.00                 | 0.74               | 1.00            | 36.00            | 40.50                         | 6                           | 28      | 2            | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 13.69                    | 492.84              |
| O1222       | 2.65  | 81       | 31          | 47.21                | 15.00             | 30.68                 | 22.50              | 15.22               | 22.00            | 8.56                | 4.30                 | 3.16               | 7.00            | 44.50            | 66.50                         | 8                           | 29      | 14           | 3                               | 1         | 4.01               | PS          |                  |             |                              |                         | 2.65                     | 117.93              |
| O1223       | 7.38  | 55       | 31          | 16.33                | 5.26              | 24.95                 | 17.89              | 14.16               | 20.53            | 16.33               | 5.07                 | 2.80               | 8.42            | 38.42            | 52.11                         | 6                           | 6       | 17           | 3                               | 1         | 3.75               | PS          |                  |             |                              |                         | 7.38                     | 283.54              |
| O1224       | 1.68  | 46       | 13          | 38.93                | 11.50             | 14.91                 | 10.50              | 9.68                | 15.50            | 36.22               | 6.72                 | 2.66               | 8.50            | 26.00            | 46.00                         | 7                           | 13      | 28           | 3                               | 1         | 3.08               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1226       | 29.85 | 53       | 31          | 33.86                | 11.00             | 25.14                 | 18.00              | 10.82               | 14.50            | 7.73                | 1.89                 | 0.96               | 2.50            | 32.50            | 46.00                         | 1                           | 27      | 7            | 3                               | 1         | 3.76               | PS          |                  |             |                              |                         | 29.85                    | 970.13              |
| O1227       | 23.26 | 65       | 31          | 14.92                | 5.26              | 10.85                 | 7.89               | 5.61                | 7.37             | 3.44                | 1.25                 | 0.29               | 1.58            | 15.26            | 22.11                         | 2                           | 23      | 9            | 3                               | 1         | 3.57               | PS          |                  |             |                              |                         | 23.26                    | 354.95              |
| O1228       | 14.78 | 65       | 10          | 61.61                | 17.50             | 36.49                 | 25.50              | 29.00               | 41.00            | 27.83               | 8.94                 | 1.82               | 9.00            | 66.50            | 93.00                         | 9                           | 41      | 14           | 3                               | 1         | 4.23               | PS          |                  |             | 14.78                        | 982.87                  |                          |                     |
| O1229       | 22.05 | 56       | 13          | 70.72                | 19.50             | 29.37                 | 20.00              | 10.61               | 15.00            | 35.61               | 12.90                | 2.76               | 13.50           | 35.00            | 68.00                         | 1                           | 44      | 28           | 3                               | 1         | 3.92               | PS          |                  |             |                              |                         | 22.05                    | 771.75              |
| O1233       | 49.66 | 73       | 21          | 9.48                 | 3.00              | 11.64                 | 8.50               | 8.63                | 12.50            | 10.66               | 4.06                 | 0.88               | 4.00            | 21.00            | 28.00                         | 6                           | 27      | 20           | 3                               | 1         | 3.41               | PS          |                  |             |                              |                         | 49.66                    | 1,042.86            |
| O1234       | 16.17 | 125      | 21          | 4.11                 | 1.58              | 10.14                 | 7.37               | 23.22               | 38.42            | 27.75               | 4.96                 | 3.42               | 9.47            | 45.79            | 56.84                         | 1                           | 55      | 20           | 3                               | 1         | 4.72               | CS          | 16.17            | 740.42      |                              |                         |                          |                     |
| O1238       | 2.43  | 95       | 31          | 47.23                | 10.00             | 37.04                 | 28.33              | 14.80               | 20.00            | 0.00                | 0.00                 | 3.78               | 6.67            | 48.33            | 65.00                         | 3                           | 25      | 7            | 3                               | 1         | 3.79               | PS          |                  |             |                              |                         | 2.43                     | 117.44              |
| pp1054*     | 0.56  | 0        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp362*      | 2.51  | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.51                     | 0.00                |
| 186.65      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    | 16.17       | 740.42           | 14.78       | 982.87                       | 153.48                  | 4,151.44                 |                     |

| REMOVALS       |             |                |                                   |                          |                     |                                      |                                 |
|----------------|-------------|----------------|-----------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                      | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O1233          | 2009        | 69741          | Tactical Training Base 19D/K OSUT |                          |                     |                                      |                                 |
| TOTAL REMOVALS |             |                |                                   | 0.00                     | 0.00                | 0.00                                 | 0.00                            |

| POST-PROJECT                 |        |          |  |
|------------------------------|--------|----------|--|
|                              | 2009   |          |  |
| Suitable Habitat             | Acres  | BA       |  |
| Potentially Suitable Habitat | 16.17  | 740.42   |  |
| Future Potential Habitat     | 14.78  | 982.87   |  |
| TOTAL                        | 143.89 | 3,950.05 |  |
|                              | 174.84 | 5,673.34 |  |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Forest Type  
10 = Yellow Pine-Upland Hardwood  
13 = Loblolly Pine-Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-247. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-01; Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1026       | 5.17  | 23       | 31          | 201.07               | 57.50             | 46.06                 | 30.00              | 3.41                | 5.00             | 37.81               | 0.00                 | 1.73               | 2.50            | 35.00            | 95.00                         | 6                            | 13      | 3            | 3                               | 1         | 0                  |                  |             |                              | 5.17                    | 180.95                   |                     |
| O1027       | 0.39  | 77       | 31          | 92.30                | 22.94             | 29.80                 | 20.00              | 9.88                | 13.53            | 1.69                | 10.06                | 2.99               | 11.18           | 33.53            | 67.65                         | 6                            | 26      | 25           | 3                               | 1         | 0                  |                  |             | 0.39                         | 13.08                   |                          |                     |
| O1305       | 38.08 | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90               | 4.98                 | 1.63               | 5.50            | 26.00            | 36.50                         | 1                            | 22      | 21           | 3                               | 1         | 0                  |                  |             |                              | 38.08                   | 990.08                   |                     |
| O1308       | 0.58  | 82       | 21          | 23.38                | 6.00              | 21.17                 | 15.50              | 17.69               | 24.50            | 6.44                | 3.54                 | 0.00               | 2.50            | 40.00            | 48.50                         | 1                            | 31      | 8            | 3                               | 1         | 1                  | 0.58             | 23.20       |                              |                         |                          |                     |
| O1310       | 1.61  | 82       | 26          | 56.69                | 16.32             | 30.96                 | 22.11              | 12.31               | 15.79            | 11.05               | 3.66                 | 1.90               | 4.74            | 37.89            | 58.95                         | 2                            | 20      | 11           | 3                               | 1         | 1                  | 1.61             | 61.00       |                              |                         |                          |                     |
| O1311       | 35.92 | 46       | 31          | 78.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97               | 8.62                 | 2.68               | 10.00           | 37.00            | 68.50                         | 1                            | 23      | 22           | 3                               | 1         | 0                  |                  |             | 35.92                        | 1,329.04                |                          |                     |
| O1312       | 21.69 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46               | 10.12                | 3.33               | 12.00           | 38.50            | 63.50                         | 1                            | 15      | 26           | 3                               | 1         | 1                  | 21.69            | 835.07      |                              |                         |                          |                     |
| pp693*      | 13.04 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 13.04                   | 0.00                     |                     |
| 116.48      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 23.88            | 919.27      | 36.31                        | 1,342.12                | 56.29                    | 1,171.03            |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1305          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 18.42                            | 478.92                      |
| O1308          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      | 0.34                     | 13.60               |                                      |                                 |                                  |                             |
| O1310          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      | 0.20                     | 7.58                |                                      |                                 |                                  |                             |
| O1311          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     | 5.20                                 | 192.40                          |                                  |                             |
| O1312          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          | 40.81               |                                      |                                 |                                  |                             |
| pp693*         | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      | 1.06                     |                     |                                      |                                 | 0.32                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 1.60                     | 61.99               | 5.20                                 | 192.40                          | 18.74                            | 478.92                      |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 0.28                                 | 9.39                            |                                  |                             |
| O1305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.28                             | 59.28                       |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 1.24                     | 47.74               |                                      |                                 |                                  |                             |
| pp693*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.01                             | 0.00                        |
| 2010 SUB-TOTAL |             |                |                                              | 1.24                     | 47.74               | 0.28                                 | 9.39                            | 5.29                             | 59.28                       |
| TOTAL REMOVALS |             |                |                                              | 2.84                     | 109.73              | 5.48                                 | 201.79                          | 24.03                            | 538.20                      |

| POST-PROJECT                 |       |                        |       |       |       |
|------------------------------|-------|------------------------|-------|-------|-------|
| 2009                         |       | non-contiguous habitat |       | 2010  |       |
| Suitable Habitat             | Acres | BA                     | Acres | BA    | Acres |
| Potentially Suitable Habitat | 22.28 | 857.28                 | 1.65  | 63.02 | 19.39 |
| Future Potential Habitat     | 31.11 | 1,149.72               | 0.00  | 0.00  | 30.83 |
| TOTAL                        | 37.55 | 692.11                 | 0.00  | 0.00  | 32.26 |
|                              | 90.94 | 2,699.11               | 1.65  | 63.02 | 82.48 |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stands O1308 and O1310 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.

Appendix Table H-248. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-01, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                       |                    |                        |                     |                     |                  |                     |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|-----------------------|--------------------|------------------------|---------------------|---------------------|------------------|---------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4- 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1026       | 5.17  | 23       | 31          | 201.07                | 57.50              | 46.06                  | 30.00               | 3.41                | 5.00             | 37.81               | 0.00                  | 1.73                | 2.50             | 35.00             | 95.00                         | 6                            | 13      | 3            | 3                               | 1         | 2.53               | NH          |                  |             |                              |                         | 5.17                     | 180.95              |
| O1027       | 0.39  | 77       | 31          | 92.30                 | 22.94              | 29.80                  | 20.00               | 9.88                | 13.53            | 1.69                | 10.06                 | 2.99                | 11.18            | 33.53             | 67.65                         | 6                            | 26      | 25           | 3                               | 1         | 3.44               | PS          |                  |             |                              |                         | 0.39                     | 13.08               |
| O1305       | 38.08 | 82       | 21          | 14.31                 | 5.00               | 10.82                  | 7.00                | 14.44               | 19.00            | 21.90               | 4.98                  | 1.63                | 5.50             | 26.00             | 36.50                         | 1                            | 22      | 21           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 38.08                    | 990.08              |
| O1308       | 0.58  | 82       | 21          | 23.38                 | 6.00               | 21.17                  | 15.50               | 17.69               | 24.50            | 6.44                | 3.54                  | 0.00                | 2.50             | 40.00             | 48.50                         | 1                            | 31      | 8            | 3                               | 1         | 4.58               | PS          |                  |             |                              |                         | 0.58                     | 23.20               |
| O1310       | 1.61  | 82       | 26          | 56.69                 | 16.32              | 30.96                  | 22.11               | 12.31               | 15.79            | 11.05               | 3.66                  | 1.90                | 4.74             | 37.89             | 58.95                         | 2                            | 20      | 11           | 3                               | 1         | 3.99               | PS          |                  |             |                              |                         | 1.61                     | 61.00               |
| O1311       | 35.92 | 46       | 31          | 78.27                 | 21.50              | 26.99                  | 19.00               | 13.23               | 18.00            | 17.97               | 8.62                  | 2.68                | 10.00            | 37.00             | 66.50                         | 1                            | 23      | 22           | 3                               | 1         | 3.80               | PS          |                  |             |                              |                         | 35.92                    | 1,329.04            |
| O1312       | 21.69 | 71       | 31          | 46.65                 | 13.00              | 23.94                  | 17.50               | 14.40               | 21.00            | 10.46               | 10.12                 | 3.33                | 12.00            | 38.50             | 63.50                         | 1                            | 15      | 26           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 21.69                    | 835.07              |
| pp693*      | 13.04 | 5        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 13.04                    | 0.00                |
| 116.48      |       |          |             |                       |                    |                        |                     |                     |                  |                     |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1305          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 18.42                            | 879.92                      |
| O1308          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.34                             | 13.60                       |
| O1310          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.20                             | 7.58                        |
| O1311          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 5.20                             | 192.40                      |
| O1312          | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 1.06                             | 40.81                       |
| pp693*         | 2009        | 69741          | Training Area Infrastructure-19D/K OSUT      |                          |                     |                                      |                                 | 0.32                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                |                                      | 0.00                            | 25.54                            | 733.31                      |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      | 0.00                            | 0.28                             | 9.39                        |
| O1305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 2.28                             | 59.28                       |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.24                             | 47.74                       |
| pp693*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.01                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 6.81                             | 116.41                      |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 32.35                            | 849.72                      |

| POST-PROJECT                 |       |          |                        |       |       |          |  |
|------------------------------|-------|----------|------------------------|-------|-------|----------|--|
|                              | 2009  |          | non-contiguous habitat |       | 2010  |          |  |
| Suitable Habitat             | Acres | BA       | Acres                  | BA    | Acres | BA       |  |
| Potentially Suitable Habitat | 0.00  | 0.00     | 0.00                   | 0.00  | 0.00  | 0.00     |  |
| Future Potential Habitat     | 90.94 | 2,699.11 | 1.65                   | 63.02 | 82.48 | 2,519.68 |  |
| TOTAL                        | 90.94 | 2,699.11 | 1.65                   | 63.02 | 82.48 | 2,519.68 |  |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1= low, sparse  
2= low, moderate  
3= low, dense  
4= medium, sparse  
5= tall, sparse  
6= medium, moderate  
7= tall, moderate  
8= medium, dense  
9= tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stands O1308 and O1310 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.

Appendix Table H-249. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-01, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1026       | 5.17  | 23       | 31          | 201.07               | 57.50             | 46.06                 | 30.00              | 3.41                | 5.00             | 37.81                | 0.00                  | 1.73                | 2.50            | 35.00            | 95.00                         | 6                             | 13      | 3             | 3                               | 1         | 0                  |                  |             |                              |                         | 5.17                     | 180.95              |
| O1027       | 0.39  | 77       | 31          | 92.30                | 22.94             | 29.80                 | 20.00              | 9.88                | 13.53            | 1.69                 | 10.06                 | 2.99                | 11.18           | 33.53            | 67.65                         | 6                             | 26      | 25            | 3                               | 1         | 0                  |                  |             |                              | 0.39                    | 13.08                    |                     |
| O1305       | 38.08 | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90                | 4.98                  | 1.63                | 5.50            | 26.00            | 36.50                         | 1                             | 22      | 21            | 3                               | 1         | 0                  |                  |             |                              |                         | 38.08                    | 990.08              |
| O1308       | 0.58  | 82       | 21          | 23.38                | 6.00              | 21.17                 | 15.50              | 17.69               | 24.50            | 6.44                 | 3.54                  | 0.00                | 2.50            | 40.00            | 48.50                         | 1                             | 31      | 8             | 3                               | 1         | 1                  | 0.58             | 23.20       |                              |                         |                          |                     |
| O1310       | 1.61  | 82       | 26          | 56.69                | 16.32             | 30.96                 | 22.11              | 12.31               | 15.79            | 11.05                | 3.66                  | 1.90                | 4.74            | 37.89            | 58.95                         | 2                             | 20      | 11            | 3                               | 1         | 1                  | 1.61             | 61.00       |                              |                         |                          |                     |
| O1311       | 35.92 | 46       | 31          | 78.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97                | 8.62                  | 2.68                | 10.00           | 37.00            | 68.50                         | 1                             | 23      | 22            | 3                               | 1         | 0                  |                  |             | 35.92                        | 1,329.04                |                          |                     |
| O1312       | 21.69 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46                | 10.12                 | 3.33                | 12.00           | 38.50            | 63.50                         | 1                             | 15      | 26            | 3                               | 1         | 1                  | 21.69            | 835.07      |                              |                         | 13.04                    | 0.00                |
| pp693*      | 13.04 | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  |                  |             |                              |                         |                          |                     |
| 116.48      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                    | 23.88            | 919.27      | 36.31                        | 1,342.12                | 56.29                    | 1,171.03            |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     | 0.28                                 | 9.39                            |                                  |                             |
| O1305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.30                             | 85.80                       |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 | 1.53                     | 58.91               |                                      |                                 | 3.33                             | 0.00                        |
| pp693*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 |                                  |                             |
| TOTAL REMOVALS |             |                |                                              | 1.53                     | 58.91               | 0.28                                 | 9.39                            | 6.63                             | 85.80                       |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2010   |          |
| Suitable Habitat             | Acres  | BA       |
|                              | 22.35  | 860.36   |
| Potentially Suitable Habitat | 36.03  | 1,332.73 |
| Future Potential Habitat     | 49.66  | 1,985.23 |
| TOTAL                        | 108.04 | 3,278.32 |

|                                 |                                |              |
|---------------------------------|--------------------------------|--------------|
| Key:                            |                                |              |
| BA = basal area                 | Type Burn:                     | Stand Score  |
| dbh = diameter at breast height | 0=no data available            | 0=Unsuitable |
| hwd = hardwood                  | 1=non-growing season           | 1=Suitable   |
| hgc = herbaceous ground cover   | 2=growing season               |              |
| Hardwood Midstory:              |                                |              |
| 1 = low, sparse                 | 21 = Longleaf Pine             |              |
| 2 = low, moderate               | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                  | 26 = Mixed Pine-Longleaf       |              |
| 4 = medium, sparse              | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                |                                |              |
| 6 = medium, moderate            |                                |              |
| 7 = tall, moderate              |                                |              |
| 8 = medium, dense               |                                |              |
| 9 = tall, dense                 |                                |              |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-250. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-01, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                          |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|--------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1026       | 5.17  | 23       | 31          | 201.07               | 57.50             | 46.06                 | 30.00              | 3.41                | 5.00             | 37.81               | 0.00                 | 1.73               | 2.50            | 35.00            | 95.00                         | 6                        | 13      | 3            | 3                               | 1         | 2.53               | NH          |                  |             |                              |                         | 5.17                     | 180.95              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1027       | 0.39  | 77       | 31          | 92.30                | 22.94             | 29.80                 | 20.00              | 9.88                | 13.53            | 1.69                | 10.06                | 2.99               | 11.18           | 33.53            | 67.65                         | 6                        | 26      | 25           | 3                               | 1         | 3.44               | PS          |                  |             |                              |                         | 0.39                     | 13.08               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1305       | 38.08 | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90               | 4.98                 | 1.63               | 5.50            | 26.00            | 36.50                         | 1                        | 22      | 21           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 38.08                    | 990.08              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1308       | 0.58  | 82       | 21          | 23.38                | 6.00              | 21.17                 | 15.50              | 17.69               | 24.50            | 6.44                | 3.54                 | 0.00               | 2.50            | 40.00            | 48.50                         | 1                        | 31      | 8            | 3                               | 1         | 4.58               | PS          |                  |             |                              |                         | 0.58                     | 23.20               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1310       | 1.61  | 82       | 26          | 56.69                | 16.32             | 30.96                 | 22.11              | 12.31               | 15.79            | 11.05               | 3.66                 | 1.90               | 4.74            | 37.89            | 58.95                         | 2                        | 20      | 11           | 3                               | 1         | 3.99               | PS          |                  |             |                              |                         | 1.61                     | 61.00               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1311       | 35.92 | 46       | 31          | 78.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97               | 8.62                 | 2.68               | 10.00           | 37.00            | 68.50                         | 1                        | 23      | 22           | 3                               | 1         | 3.80               | PS          |                  |             |                              |                         | 35.92                    | 1,329.04            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1312       | 21.69 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46               | 10.12                | 3.33               | 12.00           | 38.50            | 63.50                         | 1                        | 15      | 26           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 21.69                    | 835.07              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp693*      | 13.04 | 5        | 21P         |                      | 0.00              |                       | 0.00               |                     | 0.00             |                     | 0.00                 |                    | 0.00            |                  | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 13.04                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 116.48      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                          |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| REMOVALS       |             |                |                                              |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1027          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 0.28                             | 9.39                        |
| O1305          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.30                             | 85.80                       |
| O1312          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 1.53                             | 58.91                       |
| pp693*         | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                     |                                      |                                 | 3.33                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 8.44                             | 154.10                      |

| POST-PROJECT                 |       |    | 2010   |
|------------------------------|-------|----|--------|
| Suitable Habitat             | Acres | BA | 0.00   |
| Potentially Suitable Habitat | Acres | BA | 0.00   |
| Future Potential Habitat     | Acres | BA | 108.04 |
| TOTAL                        | Acres | BA | 108.04 |

|                                |                                |                          |
|--------------------------------|--------------------------------|--------------------------|
| <b>Key:</b>                    |                                |                          |
| BA= basal area                 | Type Burn:                     | Suitability              |
| dbh= diameter at breast height | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                  | 1= non-growing season          | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season              | NH= non-habitat          |
| Hardwood Midstory:             |                                |                          |
| 1 = low, sparse                | 21 = Longleaf Pine             |                          |
| 2 = low, moderate              | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                 | 26 = Mixed Pine-Longleaf       |                          |
| 4 = medium, sparse             | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse               |                                |                          |
| 6 = medium, moderate           |                                |                          |
| 7 = tall, moderate             |                                |                          |
| 8 = medium, dense              |                                |                          |
| 9 = tall, dense                |                                |                          |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-251. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Clust **O13-0; Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgi

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1301       | 4.55  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29                | 14.31                 | 3.38                | 14.50           | 33.50            | 57.50                         | 7                             | 21      | 40           | 3                               | 1         | 0                  |                  |             | 4.55                         | 152.43                  |                          |                     |
| O1303       | 35.12 | 65       | 31          | 52.28                | 14.12             | 26.72                 | 19.41              | 14.46               | 21.18            | 22.78                | 5.46                  | 3.85                | 9.41            | 40.59            | 64.12                         | 2                             | 5       | 18           | 3                               | 1         | 1                  | 35.12            | 1,425.52    |                              |                         |                          |                     |
| O1304       | 23.48 | 65       | 31          | 5.81                 | 2.00              | 9.85                  | 7.50               | 20.79               | 32.50            | 3.70                 | 4.41                  | 3.50                | 7.50            | 40.00            | 49.50                         | 2                             | 12      | 21           | 3                               | 1         | 1                  | 23.48            | 939.20      |                              |                         |                          |                     |
| O1305       | 56.78 | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90                | 4.98                  | 1.63                | 5.50            | 26.00            | 36.50                         | 1                             | 22      | 21           | 3                               | 1         | 0                  |                  |             |                              | 56.78                   | 1,476.28                 |                     |
| O1307       | 14.48 | 79       | 31          | 57.65                | 17.00             | 21.73                 | 16.00              | 13.64               | 18.50            | 11.80                | 4.96                  | 1.27                | 5.00            | 34.50            | 56.50                         | 8                             | 20      | 15           | 3                               | 1         | 0                  |                  |             | 14.48                        | 499.56                  |                          |                     |
| O1308       | 15.34 | 82       | 21          | 23.38                | 6.00              | 21.17                 | 15.50              | 17.69               | 24.50            | 6.44                 | 3.54                  | 0.00                | 2.50            | 40.00            | 48.50                         | 1                             | 31      | 8            | 3                               | 1         | 1                  | 15.34            | 613.60      |                              |                         |                          |                     |
| O1309       | 49.56 | 82       | 31          | 6.12                 | 2.00              | 6.06                  | 5.00               | 8.84                | 13.00            | 25.47                | 14.17                 | 3.82                | 15.00           | 18.00            | 35.00                         | 1                             | 21      | 55           | 3                               | 1         | 0                  |                  |             |                              | 49.56                   | 892.08                   |                     |
| O1310       | 10.33 | 82       | 26          | 56.69                | 16.32             | 30.96                 | 22.11              | 12.31               | 15.79            | 11.05                | 3.66                  | 1.90                | 4.74            | 37.89            | 58.95                         | 2                             | 20      | 11           | 3                               | 1         | 1                  | 10.33            | 391.40      |                              |                         |                          |                     |
| O1315       | 10.22 | 42       | 31          | 33.65                | 9.00              | 13.49                 | 9.00               | 0.87                | 1.00             | 20.90                | 2.87                  | 3.70                | 7.50            | 10.00            | 26.50                         | 4                             | 15      | 31           | 3                               | 1         | 0                  |                  |             |                              | 10.22                   | 102.20                   |                     |
| pp479*      | 2.98  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.98                     | 0.00                |
| pp480*      | 9.25  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 9.25                     | 0.00                |
| pp481*      | 2.17  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.17                     | 0.00                |
| 234.26      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    | 84.27            | 3,369.72    | 19.03                        | 651.99                  | 130.96                   | 2,470.56            |

| REMOVALS              |             |                |                                         |                          |                     |                                      |                                 |
|-----------------------|-------------|----------------|-----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                            | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O1301                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 0.46                                 | 15.41                           |
| O1303                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 8.44                     | 342.58              |                                      |                                 |
| O1304                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 2.36                     | 94.40               |                                      |                                 |
| O1305                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 10.70                                | 278.20                          |
| O1308                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 5.96                     | 238.40              |                                      |                                 |
| O1309                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 14.34                                | 258.12                          |
| O1310                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 3.53                     | 133.75              |                                      |                                 |
| O1315                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 2.54                                 | 25.40                           |
| pp479*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 1.29                                 | 0.00                            |
| pp480*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 0.02                                 | 0.00                            |
| pp481*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 1.77                                 | 0.00                            |
| <b>TOTAL REMOVALS</b> |             |                |                                         | <b>20.29</b>             | <b>809.13</b>       | <b>0.46</b>                          | <b>15.41</b>                    |
|                       |             |                |                                         |                          |                     | <b>30.66</b>                         | <b>561.72</b>                   |

| POST-PROJECT                        |               |                 |
|-------------------------------------|---------------|-----------------|
|                                     | 2009          |                 |
|                                     | Acres         | BA              |
| <b>Suitable Habitat</b>             | <b>63.98</b>  | <b>2,560.59</b> |
| <b>Potentially Suitable Habitat</b> | <b>18.57</b>  | <b>636.58</b>   |
| <b>Future Potential Habitat</b>     | <b>100.30</b> | <b>1,908.84</b> |
| <b>TOTAL</b>                        | <b>182.85</b> | <b>5,106.01</b> |

| Key:                                                                                  |                                |              |
|---------------------------------------------------------------------------------------|--------------------------------|--------------|
| BA = basal area                                                                       | Type Burn                      | Stand Score  |
| dbh = diameter at breast height                                                       | 0=no data available            | 0=Unsuitable |
| hwd = hardwood                                                                        | 1=non-growing season           | 1=Suitable   |
| hgc = herbaceous ground cover                                                         | 2=growing season               |              |
| Hardwood Midstory:                                                                    | Forest Type:                   |              |
| 1 = low, sparse                                                                       | 21 = Longleaf Pine             |              |
| 2 = low, moderate                                                                     | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                                                                        | 26 = Mixed Pine-Longleaf       |              |
| 4 = medium, sparse                                                                    | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                                                                      |                                |              |
| 6 = medium, moderate                                                                  |                                |              |
| 7 = tall, moderate                                                                    |                                |              |
| 8 = medium, dense                                                                     |                                |              |
| 9 = tall, dense                                                                       |                                |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                |              |

Appendix Table H-252. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1301       | 4.55  | 77       | 31          | 36.42                | 9.50              | 8.87                  | 6.50               | 17.75               | 27.00            | 19.29               | 14.31                | 3.38               | 14.50           | 33.50            | 57.50                         | 7                            | 21      | 40           | 3                               | 1         | 3.81               | PS          |                  |             |                              |                         | 4.55                     | 152.43              |
| O1303       | 35.12 | 65       | 31          | 52.28                | 14.12             | 26.72                 | 19.41              | 14.46               | 21.18            | 22.78               | 5.46                 | 3.85               | 9.41            | 40.59            | 64.12                         | 2                            | 5       | 18           | 3                               | 1         | 4.09               | PS          |                  |             |                              |                         | 35.12                    | 1,425.52            |
| O1304       | 23.48 | 65       | 31          | 5.81                 | 2.00              | 9.85                  | 7.50               | 20.79               | 32.50            | 3.70                | 4.41                 | 3.50               | 7.50            | 40.00            | 49.50                         | 2                            | 12      | 21           | 3                               | 1         | 4.42               | CS          | 23.48            | 939.20      |                              |                         |                          |                     |
| O1305       | 56.78 | 82       | 21          | 14.31                | 5.00              | 10.82                 | 7.00               | 14.44               | 19.00            | 21.90               | 4.98                 | 1.63               | 5.50            | 26.00            | 36.50                         | 1                            | 22      | 21           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 56.78                    | 1,476.28            |
| O1307       | 14.48 | 79       | 31          | 57.65                | 17.00             | 21.73                 | 16.00              | 13.64               | 18.50            | 11.80               | 4.96                 | 1.27               | 5.00            | 34.50            | 56.50                         | 8                            | 20      | 15           | 3                               | 1         | 3.70               | PS          |                  |             |                              |                         | 14.48                    | 499.56              |
| O1308       | 15.34 | 82       | 21          | 23.38                | 6.00              | 21.17                 | 15.50              | 17.69               | 24.50            | 6.44                | 3.54                 | 0.00               | 2.50            | 40.00            | 48.50                         | 1                            | 31      | 8            | 3                               | 1         | 4.58               | PS          |                  |             |                              |                         | 15.34                    | 613.00              |
| O1309       | 49.56 | 82       | 31          | 6.12                 | 2.00              | 6.06                  | 5.00               | 8.94                | 13.00            | 25.47               | 14.17                | 3.92               | 15.00           | 18.00            | 35.00                         | 1                            | 21      | 55           | 3                               | 1         | 3.46               | PS          |                  |             |                              |                         | 49.56                    | 892.08              |
| O1310       | 10.33 | 82       | 26          | 56.69                | 16.32             | 30.96                 | 22.11              | 12.31               | 15.79            | 11.05               | 3.66                 | 1.90               | 4.74            | 37.89            | 58.95                         | 2                            | 20      | 11           | 3                               | 1         | 3.99               | PS          |                  |             |                              |                         | 10.33                    | 391.40              |
| O1315       | 10.22 | 42       | 31          | 33.65                | 9.00              | 13.49                 | 9.00               | 0.87                | 1.00             | 20.90               | 2.87                 | 3.70               | 7.50            | 10.00            | 26.50                         | 4                            | 15      | 31           | 3                               | 1         | 2.49               | PS          |                  |             |                              |                         | 10.22                    | 102.20              |
| pp479*      | 2.98  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.98                     | 0.00                |
| pp480*      | 9.25  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 9.25                     | 0.00                |
| pp481*      | 2.17  | 18       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.17                     | 0.00                |
| 234.26      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             | 23.48            | 939.20      | 0.00                         | 0.00                    | 210.78                   | 5,553.07            |

| REMOVALS              |             |                |                                         |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |
|-----------------------|-------------|----------------|-----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|
| Stand                 | Fiscal Year | Project Number | Project Name                            | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |
| O1301                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 0.46                             | 15.41                       |  |  |  |  |  |  |
| O1303                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 8.44                             | 342.58                      |  |  |  |  |  |  |
| O1304                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 2.36                     | 94.40               |                                      |                                 |                                  |                             |  |  |  |  |  |  |
| O1305                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 10.70                            | 278.20                      |  |  |  |  |  |  |
| O1308                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 5.96                             | 238.40                      |  |  |  |  |  |  |
| O1309                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 14.34                            | 258.12                      |  |  |  |  |  |  |
| O1310                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 3.53                             | 133.75                      |  |  |  |  |  |  |
| O1315                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 2.54                             | 25.40                       |  |  |  |  |  |  |
| pp479*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 1.29                             | 0.00                        |  |  |  |  |  |  |
| pp480*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 0.02                             | 0.00                        |  |  |  |  |  |  |
| pp481*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 1.77                             | 0.00                        |  |  |  |  |  |  |
| <b>TOTAL REMOVALS</b> |             |                |                                         | <b>2.36</b>              | <b>94.40</b>        | <b>0.00</b>                          | <b>0.00</b>                     | <b>49.05</b>                     | <b>1,291.86</b>             |  |  |  |  |  |  |

| POST-PROJECT                 |               |                 |  | <b>2009</b> |  |
|------------------------------|---------------|-----------------|--|-------------|--|
| Suitable Habitat             | Acres         | BA              |  |             |  |
| Potentially Suitable Habitat | 0.00          | 844.80          |  |             |  |
| Future Potential Habitat     | 161.73        | 4,261.21        |  |             |  |
| <b>TOTAL</b>                 | <b>182.85</b> | <b>5,106.01</b> |  |             |  |

| Key:                                                                                  |                                |                          |
|---------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                        | Type Burn                      | Suitability              |
| dbh= diameter at breast height                                                        | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                                                                         | 1=non-growing season           | PS= potentially suitable |
| hgc= herbaceous ground cover                                                          | 2=growing season               | NH= non-habitat          |
| Hardwood Midstory:                                                                    | Forest Type:                   |                          |
| 1 = low, sparse                                                                       | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                     | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                        | 26 = Mixed Pine-Longleaf       |                          |
| 4 = medium, sparse                                                                    | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse                                                                      |                                |                          |
| 6 = medium, moderate                                                                  |                                |                          |
| 7 = tall, moderate                                                                    |                                |                          |
| 8 = medium, dense                                                                     |                                |                          |
| 9 = tall, dense                                                                       |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                |                          |

Appendix Table H-253. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-06R Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|---------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems ≥14" dbh | Pine BA ≥14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems ≥14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |
| O1211       | 19.81 | 85       | 21          | 3.72                 | 1.00              | 5.01                  | 4.00               | 4.57                | 6.00             | 8.88                | 1.14                 | 1.12               | 2.50            | 10.00            | 13.50                         | 1                   | 29      | 19           | 3                               | 1         | 0                  |                  |             |                              |                         | 19.81                    | 198.10              |  |
| O1212       | 0.14  | 51       | 22P         | 92.00                | 25.50             | 27.80                 | 19.50              | 1.98                | 2.50             | 4.92                | 0.62                 | 0.50               | 1.00            | 22.00            | 48.50                         | 7                   | 35      | 4            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.14                     | 3.08                |  |
| O1217       | 45.42 | 85       | 21          | 8.45                 | 3.00              | 13.15                 | 10.00              | 12.58               | 18.50            | 2.10                | 0.00                 | 1.33               | 2.00            | 28.50            | 33.50                         | 6                   | 29      | 5            | 3                               | 1         | 0                  |                  |             |                              |                         | 45.42                    | 1,294.47            |  |
| O1226       | 10.06 | 53       | 31          | 33.85                | 11.00             | 25.14                 | 18.00              | 10.82               | 14.50            | 7.73                | 1.89                 | 0.96               | 2.50            | 32.50            | 46.00                         | 1                   | 27      | 7            | 3                               | 1         | 1                  | 10.06            | 326.95      |                              |                         |                          |                     |  |
| O1230       | 0.01  | 50       | 26          | 7.63                 | 2.50              | 8.77                  | 6.50               | 12.49               | 19.50            | 14.20               | 5.45                 | 2.55               | 7.50            | 26.00            | 36.00                         | 7                   | 22      | 27           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.01                     | 0.26                |  |
| O1311       | 4.36  | 46       | 31          | 78.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97               | 8.62                 | 2.68               | 10.00           | 37.00            | 68.50                         | 1                   | 23      | 22           | 3                               | 1         | 0                  |                  |             |                              | 4.36                    | 161.32                   |                     |  |
| O1312       | 59.99 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46               | 10.12                | 3.33               | 12.00           | 38.50            | 63.50                         | 1                   | 15      | 26           | 3                               | 1         | 1                  | 59.99            | 2,309.62    |                              |                         |                          |                     |  |
| O1315       | 0.12  | 42       | 31          | 33.65                | 9.00              | 13.49                 | 9.00               | 0.87                | 1.00             | 20.90               | 2.87                 | 3.70               | 7.50            | 10.00            | 26.50                         | 4                   | 15      | 31           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |
| O1320       | 65.84 | 57       | 26          | 46.75                | 13.50             | 18.52                 | 12.50              | 6.21                | 8.50             | 40.32               | 14.80                | 3.83               | 16.00           | 21.00            | 50.50                         | 5                   | 11      | 43           | 3                               | 1         | 0                  |                  |             |                              |                         | 65.84                    | 1,382.64            |  |
| O1321       | 9.43  | 65       | 31          | 28.56                | 9.00              | 11.44                 | 8.00               | 4.65                | 10.00            | 8.70                | 0.92                 | 0.92               | 1.50            | 18.00            | 28.50                         | 1                   | 39      | 10           | 3                               | 1         | 0                  |                  |             |                              |                         | 9.43                     | 169.74              |  |
| 215.18      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |         |              |                                 |           |                    | 70.05            | 2,636.57    | 4.36                         | 161.32                  | 140.65                   | 3,048.29            |  |

| REMOVALS       |             |                |                                                             |                          |                                      |                                  |
|----------------|-------------|----------------|-------------------------------------------------------------|--------------------------|--------------------------------------|----------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                                | Suitable Acreage Removed | Potentially Suitable Acreage Removed | Future Potential Acreage Removed |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                                      | 2.36                             |
| O1217          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                                      | 5.22                             |
| O1226          | 2009        | 65554          | Construct Training Area Roads, Paved                        | 1.58                     | 51.35                                |                                  |
| O1230          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                                      | 0.01                             |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved                        | 5.77                     | 222.15                               |                                  |
| O1320          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                                      | 2.01                             |
| O1320          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                          |                                      | 2.06                             |
| O1321          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                                      | 1.48                             |
| O1321          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                          |                                      | 3.72                             |
| TOTAL REMOVALS |             |                |                                                             | 7.35                     | 273.50                               | 16.86                            |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
| Suitable Habitat             | Acres  | BA       |
|                              | 62.70  | 2,363.07 |
| Potentially Suitable Habitat | 4.36   | 161.32   |
| Future Potential Habitat     | 123.79 | 2,696.59 |
| TOTAL                        | 190.85 | 5,220.98 |

|                                                                                                                                                                              |                             |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------|
| BA = basal area                                                                                                                                                              | Type Burn                   | Stand Score  |
| dbh = diameter at breast height                                                                                                                                              | 0=no data available         | 0=Unsuitable |
| hwd = hardwood                                                                                                                                                               | 1=non-growing season        | 1=Suitable   |
| hgc = herbaceous ground cover                                                                                                                                                | 2=growing season            |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine          |              |
| 2 = low, moderate                                                                                                                                                            | 22P = Slash Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf    |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine          |              |
| 5 = tall, sparse                                                                                                                                                             |                             |              |
| 6 = medium, moderate                                                                                                                                                         |                             |              |
| 7 = tall, moderate                                                                                                                                                           |                             |              |
| 8 = medium, dense                                                                                                                                                            |                             |              |
| 9 = tall, dense                                                                                                                                                              |                             |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                             |              |

Appendix Table H-254. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **013-06R, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1211       | 19.81 | 85       | 21          | 3.72                 | 1.00              | 5.01                  | 4.00               | 4.57                | 6.00             | 8.88                | 1.14                 | 1.12               | 2.50            | 10.00            | 13.50                         | 1                            | 29      | 19           | 3                               | 1         | 3.29               | PS          |                  |             |                              |                         | 19.81                    | 198.10              |
| O1212       | 0.14  | 51       | 22P         | 92.00                | 25.50             | 27.80                 | 19.50              | 1.98                | 2.50             | 4.92                | 0.62                 | 0.50               | 1.00            | 22.00            | 48.50                         | 7                            | 35      | 4            | 3                               | 1         | 2.82               | PS          |                  |             |                              |                         | 0.14                     | 3.08                |
| O1217       | 45.42 | 85       | 21          | 8.45                 | 3.00              | 13.15                 | 10.00              | 12.58               | 18.50            | 2.10                | 0.00                 | 1.33               | 2.00            | 28.50            | 33.50                         | 6                            | 29      | 5            | 3                               | 1         | 3.87               | PS          |                  |             | 45.42                        | 1,294.47                |                          |                     |
| O1226       | 10.06 | 53       | 31          | 33.85                | 11.00             | 25.14                 | 18.00              | 10.82               | 14.50            | 7.73                | 1.89                 | 0.96               | 2.50            | 32.50            | 46.00                         | 1                            | 27      | 7            | 3                               | 1         | 3.76               | PS          |                  |             | 10.06                        | 326.95                  |                          |                     |
| O1230       | 0.01  | 50       | 26          | 7.63                 | 2.50              | 8.77                  | 6.50               | 12.49               | 19.50            | 14.20               | 5.45                 | 2.55               | 7.50            | 26.00            | 36.00                         | 7                            | 22      | 27           | 3                               | 1         | 3.38               | PS          |                  |             | 0.01                         | 0.26                    |                          |                     |
| O1311       | 4.36  | 46       | 31          | 78.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97               | 8.62                 | 2.68               | 10.00           | 37.00            | 68.50                         | 1                            | 23      | 22           | 3                               | 1         | 3.80               | PS          |                  |             | 4.36                         | 161.32                  |                          |                     |
| O1312       | 59.99 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46               | 10.12                | 3.33               | 12.00           | 38.50            | 63.50                         | 1                            | 15      | 26           | 3                               | 1         | 4.08               | PS          |                  |             | 59.99                        | 2,309.62                |                          |                     |
| O1315       | 0.12  | 42       | 31          | 33.65                | 9.00              | 13.49                 | 9.00               | 0.87                | 1.00             | 20.90               | 2.87                 | 3.70               | 7.50            | 10.00            | 26.50                         | 4                            | 15      | 31           | 3                               | 1         | 2.49               | PS          |                  |             | 0.00                         | 0.00                    |                          |                     |
| O1320       | 65.84 | 57       | 26          | 46.75                | 13.50             | 18.52                 | 12.50              | 6.21                | 8.50             | 40.32               | 14.80                | 3.83               | 16.00           | 21.00            | 50.50                         | 5                            | 11      | 43           | 3                               | 1         | 2.82               | PS          |                  |             | 65.84                        | 1,382.64                |                          |                     |
| O1321       | 9.43  | 65       | 31          | 28.56                | 9.00              | 11.44                 | 8.00               | 4.65                | 10.00            | 8.70                | 0.92                 | 0.92               | 1.50            | 18.00            | 28.50                         | 1                            | 39      | 10           | 3                               | 1         | 3.57               | PS          |                  |             | 9.43                         | 169.74                  |                          |                     |
| 215.18      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 0.00        | 0.00             | 0.00        | 0.00                         | 215.06                  | 5,846.18                 |                     |

| REMOVALS       |             |                |                                                             |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-------------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                                | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 2.36                             | 23.60                       |
| O1217          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 5.22                             | 148.77                      |
| O1226          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 1.58                             | 51.35                       |
| O1230          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 0.01                             | 0.26                        |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 5.77                             | 222.15                      |
| O1320          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 2.01                             | 42.21                       |
| O1320          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                          |                     |                                      |                                 | 2.06                             | 43.26                       |
| O1321          | 2009        | 65554          | Construct Training Area Roads, Paved                        |                          |                     |                                      |                                 | 1.48                             | 26.64                       |
| O1321          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                          |                     |                                      |                                 | 3.72                             | 66.96                       |
| TOTAL REMOVALS |             |                |                                                             | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 24.21                            | 625.20                      |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   | BA       |
| Suitable Habitat             | 0.00   | 0.00     |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 190.85 | 5,220.98 |
| TOTAL                        | 190.85 | 5,220.98 |

|                                |  |                            |                          |
|--------------------------------|--|----------------------------|--------------------------|
| <b>Key:</b>                    |  | Type Burn                  | Suitability              |
| BA= basal area                 |  | 0=no data available        | CS= currently suitable   |
| dbh= diameter at breast height |  | 1=non-growing season       | PS= potentially suitable |
| hwds hardwood                  |  | 2=growing season           | NH= non-habitat          |
| hgc= herbaceous ground cover   |  |                            |                          |
| Hardwood Midstory:             |  | Forest Type:               |                          |
| 1= low, sparse                 |  | 21= Longleaf Pine          |                          |
| 2= low, moderate               |  | 22P= Slash Pine Plantation |                          |
| 3= low, dense                  |  | 26= Mixed Pine-Longleaf    |                          |
| 4= medium, sparse              |  | 31= Loblolly Pine          |                          |
| 5= tall, sparse                |  |                            |                          |
| 6= medium, moderate            |  |                            |                          |

| Key:                                                                                                                                                                         |                             |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn                   | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available         | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season        | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season            | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           |                             |                          |
| 1 = low, sparse                                                                                                                                                              | Forest Type:                |                          |
| 2 = low, moderate                                                                                                                                                            | 21 = Longleaf Pine          |                          |
| 3 = low, dense                                                                                                                                                               | 22P = Slash Pine Plantation |                          |
| 4 = medium, sparse                                                                                                                                                           | 25 = Mixed Pine-Longleaf    |                          |
| 5 = tall, sparse                                                                                                                                                             | 31 = Loblolly Pine          |                          |
| 6 = medium, moderate                                                                                                                                                         |                             |                          |
| 7 = tall, moderate                                                                                                                                                           |                             |                          |
| 8 = medium, dense                                                                                                                                                            |                             |                          |
| 9 = tall, dense                                                                                                                                                              |                             |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                             |                          |

Appendix Table H-255. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-06R Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|----------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1211       | 19.81 | 85       | 21          | 3.72                 | 1.00              | 5.01                  | 4.00               | 4.57                | 6.00             | 8.88                | 1.14                 | 1.12               | 2.50            | 10.00            | 13.50                         | 1                    | 29      | 19           | 3                               | 1         | 0                  |                  |             |                              |                         | 19.81                    | 198.10              |
| O1212       | 0.14  | 51       | 22P         | 92.00                | 25.50             | 27.80                 | 19.50              | 1.98                | 2.50             | 4.92                | 0.62                 | 0.50               | 1.00            | 22.00            | 48.50                         | 7                    | 35      | 4            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.14                     | 3.08                |
| O1217       | 45.42 | 85       | 21          | 8.45                 | 3.00              | 13.15                 | 10.00              | 12.58               | 18.50            | 2.10                | 0.00                 | 1.33               | 2.00            | 28.50            | 33.50                         | 6                    | 29      | 5            | 3                               | 1         | 0                  |                  |             |                              |                         | 45.42                    | 1,294.47            |
| O1226       | 10.06 | 53       | 31          | 33.85                | 11.00             | 25.14                 | 18.00              | 10.82               | 14.50            | 7.73                | 1.89                 | 0.96               | 2.50            | 32.50            | 46.00                         | 1                    | 27      | 7            | 3                               | 1         | 1                  | 10.06            | 326.95      |                              |                         |                          |                     |
| O1230       | 0.01  | 50       | 26          | 7.63                 | 2.50              | 8.77                  | 6.50               | 12.49               | 19.50            | 14.20               | 5.45                 | 2.55               | 7.50            | 26.00            | 36.00                         | 7                    | 22      | 27           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.01                     | 0.26                |
| O1311       | 4.36  | 46       | 31          | 75.27                | 21.50             | 26.99                 | 19.00              | 13.23               | 18.00            | 17.97               | 8.62                 | 2.68               | 10.00           | 37.00            | 68.50                         | 1                    | 23      | 22           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O1312       | 59.99 | 71       | 31          | 46.65                | 13.00             | 23.94                 | 17.50              | 14.40               | 21.00            | 10.46               | 10.12                | 3.33               | 12.00           | 38.50            | 63.50                         | 1                    | 15      | 26           | 3                               | 1         | 1                  | 59.99            | 2,309.62    |                              |                         |                          |                     |
| O1315       | 0.12  | 42       | 31          | 33.65                | 9.00              | 13.49                 | 9.00               | 0.87                | 1.00             | 20.90               | 2.87                 | 3.70               | 7.50            | 10.00            | 26.50                         | 4                    | 15      | 31           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O1320       | 65.84 | 57       | 26          | 46.75                | 13.50             | 18.52                 | 12.50              | 6.21                | 8.50             | 40.32               | 14.80                | 3.83               | 16.00           | 21.00            | 50.50                         | 5                    | 11      | 43           | 3                               | 1         | 0                  |                  |             |                              |                         | 65.84                    | 1,382.64            |
| O1321       | 9.43  | 65       | 31          | 28.56                | 9.00              | 11.44                 | 8.00               | 4.65                | 10.00            | 8.70                | 0.92                 | 0.92               | 1.50            | 18.00            | 28.50                         | 1                    | 39      | 10           | 3                               | 1         | 0                  |                  |             |                              |                         | 9.43                     | 169.74              |
| 215.18      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                      |         |              |                                 |           |                    | 70.05            | 2,636.57    | 4.36                         | 161.32                  | 140.65                   | 3,048.29            |

| REMOVALS       |             |                |                                      |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 2.36                             | 23.60                       |
| O1217          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 5.22                             | 148.77                      |
| O1226          | 2009        | 65554          | Construct Training Area Roads, Paved | 1.58                     | 51.35               |                                      |                                 |                                  |                             |
| O1230          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.01                             | 0.26                        |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved | 5.77                     | 222.15              |                                      |                                 |                                  |                             |
| O1320          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 2.01                             | 42.21                       |
| O1321          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 1.48                             | 26.64                       |
| TOTAL REMOVALS |             |                |                                      | 7.35                     | 273.50              | 0.00                                 | 0.00                            | 11.08                            | 241.48                      |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
|                              | Acres  | BA       |
| Suitable Habitat             | 62.70  | 2,363.07 |
| Potentially Suitable Habitat | 4.36   | 161.32   |
| Future Potential Habitat     | 129.57 | 2,806.81 |
| TOTAL                        | 196.63 | 5,331.20 |

|                                                                                                                                                                              |                             |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------|
| Key:                                                                                                                                                                         |                             |              |
| BA = basal area                                                                                                                                                              | Type Burn:                  | Stand Score  |
| dbh = diameter at breast height                                                                                                                                              | 0=no data available         | 0=Unsuitable |
| hwd = hardwood                                                                                                                                                               | 1=non-growing season        | 1=Suitable   |
| hgc = herbaceous ground cover                                                                                                                                                | 2=growing season            |              |
| Hardwood Midstory:                                                                                                                                                           |                             |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine          |              |
| 2 = low, moderate                                                                                                                                                            | 22P = Slash Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf    |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine          |              |
| 5 = tall, sparse                                                                                                                                                             |                             |              |
| 6 = medium, moderate                                                                                                                                                         |                             |              |
| 7 = tall, moderate                                                                                                                                                           |                             |              |
| 8 = medium, dense                                                                                                                                                            |                             |              |
| 9 = tall, dense                                                                                                                                                              |                             |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                             |              |

Appendix Table H-256. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O13-06R, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1211       | 19.81 | 85       | 21          | 3.72                 | 1.00               | 5.01                   | 4.00               | 4.57                | 6.00             | 8.88                 | 1.14                  | 1.12                | 2.50             | 10.00             | 13.50                         | 1                            | 29      | 19           | 3                               | 1         | 3.29               | PS          |                  |             |                              |                         | 19.81                    | 198.10              |
| O1212       | 0.14  | 51       | 22P         | 92.00                | 25.50              | 27.80                  | 19.50              | 1.98                | 2.50             | 4.92                 | 0.62                  | 0.50                | 1.00             | 22.00             | 48.50                         | 7                            | 35      | 4            | 3                               | 1         | 2.82               | PS          |                  |             |                              |                         | 0.14                     | 3.08                |
| O1217       | 45.42 | 85       | 21          | 8.45                 | 3.00               | 13.15                  | 10.00              | 12.58               | 18.50            | 2.10                 | 0.00                  | 1.33                | 2.00             | 28.50             | 33.50                         | 6                            | 29      | 5            | 3                               | 1         | 3.87               | PS          |                  |             | 45.42                        | 1,294.47                |                          |                     |
| O1226       | 10.06 | 53       | 31          | 33.85                | 11.00              | 25.14                  | 18.00              | 10.82               | 14.50            | 7.73                 | 1.89                  | 0.96                | 2.50             | 32.50             | 46.00                         | 1                            | 27      | 7            | 3                               | 1         | 3.76               | PS          |                  |             | 10.06                        | 326.95                  |                          |                     |
| O1230       | 0.01  | 50       | 26          | 7.63                 | 2.50               | 8.77                   | 6.50               | 12.49               | 19.50            | 14.20                | 5.45                  | 2.55                | 7.50             | 26.00             | 36.00                         | 7                            | 22      | 27           | 3                               | 1         | 3.38               | PS          |                  |             | 0.01                         | 0.26                    |                          |                     |
| O1311       | 4.36  | 46       | 31          | 78.27                | 21.50              | 26.99                  | 19.00              | 13.23               | 18.00            | 17.97                | 8.62                  | 2.68                | 10.00            | 37.00             | 68.50                         | 1                            | 23      | 22           | 3                               | 1         | 3.80               | PS          |                  |             | 4.36                         | 161.32                  |                          |                     |
| O1312       | 59.99 | 71       | 31          | 46.65                | 13.00              | 23.94                  | 17.50              | 14.40               | 21.00            | 10.46                | 10.12                 | 3.33                | 12.00            | 38.50             | 63.50                         | 1                            | 15      | 26           | 3                               | 1         | 4.08               | PS          |                  |             | 59.99                        | 2,309.62                |                          |                     |
| O1315       | 0.12  | 42       | 31          | 33.65                | 9.00               | 13.49                  | 9.00               | 0.87                | 1.00             | 20.90                | 2.87                  | 3.70                | 7.50             | 10.00             | 26.50                         | 4                            | 15      | 31           | 3                               | 1         | 2.49               | PS          |                  |             | 0.00                         | 0.00                    |                          |                     |
| O1320       | 65.84 | 57       | 26          | 46.75                | 13.50              | 18.52                  | 12.50              | 6.21                | 8.50             | 40.32                | 14.80                 | 3.83                | 16.00            | 21.00             | 50.50                         | 5                            | 11      | 43           | 3                               | 1         | 2.82               | PS          |                  |             | 65.84                        | 1,382.64                |                          |                     |
| O1321       | 9.43  | 65       | 31          | 28.56                | 9.00               | 11.44                  | 8.00               | 4.65                | 10.00            | 8.70                 | 0.92                  | 0.92                | 1.50             | 18.00             | 28.50                         | 1                            | 39      | 10           | 3                               | 1         | 3.57               | PS          |                  |             | 9.43                         | 169.74                  |                          |                     |
| 215.18      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 215.06                   | 5,846.18            |

| REMOVALS       |             |                |                                      |                          |                     |                                      |                                 |
|----------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O1211          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1217          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1226          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1230          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1312          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1320          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| O1321          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 |
| TOTAL REMOVALS |             |                |                                      | 0.00                     | 0.00                | 0.00                                 | 0.00                            |

| POST-PROJECT                 |        |          |  |
|------------------------------|--------|----------|--|
|                              |        | 2009     |  |
| Suitable Habitat             | Acres  | BA       |  |
|                              | 0.00   | 0.00     |  |
| Potentially Suitable Habitat | 0.00   | 0.00     |  |
| Future Potential Habitat     | 196.63 | 5,331.20 |  |
| TOTAL                        | 196.63 | 5,331.20 |  |

**Key:**

BA= basal area

dbh= diameter at breast height

hwd= hardwood

hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Type Burn:  
0= no data available  
1= non-growing season  
2= growing season

Forest Type:  
21 = Longleaf Pine  
22P = Slash Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine

CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-257. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-01, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |          |
| O1405       | 0.25  | 85       | 10          | 32.84                | 11.00             | 15.71                 | 10.50              | 3.87                | 5.00             | 34.38               | 8.04                 | 1.57               | 7.50            | 15.50            | 34.00                         | 1                            | 25      | 33           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.25                     | 3.88                |          |
| O1407       | 31.43 | 64       | 31          | 40.81                | 12.50             | 9.94                  | 7.00               | 12.07               | 20.50            | 25.79               | 2.21                 | 2.86               | 6.00            | 27.50            | 46.00                         | 1                            | 20      | 19           | 3                               | 1         | 0                  |                  |             |                              |                         | 31.43                    | 864.33              |          |
| O1408       | 29.12 | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 1                  |                  | 29.12       | 1,164.80                     |                         |                          |                     |          |
| O1415       | 14.19 | 62       | 21          | 2.67                 | 1.00              | 9.17                  | 7.00               | 8.17                | 13.00            | 14.26               | 2.85                 | 1.76               | 4.50            | 20.00            | 25.50                         | 1                            | 21      | 21           | 3                               | 1         | 0                  |                  |             |                              |                         | 14.19                    | 283.80              |          |
| O1416       | 59.14 | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                            | 22      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 59.14                    | 1,241.94            |          |
| O1417       | 17.21 | 66       | 31          | 29.64                | 8.00              | 17.15                 | 12.50              | 12.89               | 19.00            | 14.72               | 6.46                 | 3.00               | 9.50            | 31.50            | 49.00                         | 2                            | 20      | 24           | 3                               | 1         | 1                  |                  | 17.21       | 542.12                       |                         |                          |                     |          |
| O1418       | 60.43 | 94       | 21          | 10.78                | 3.50              | 10.89                 | 8.50               | 18.45               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 35.50            | 41.00                         | 2                            | 31      | 8            | 3                               | 1         | 1                  |                  | 60.43       | 2,145.27                     |                         |                          |                     |          |
| O1420       | 13.79 | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                            | 51      | 0            | 3                               | 1         | 1                  |                  | 13.79       | 599.87                       |                         |                          |                     |          |
| O1423       | 0.39  | 87       | 42**        | 11.70                | 3.50              | 12.76                 | 9.50               | 9.76                | 14.50            | 26.77               | 19.26                | 3.01               | 18.00           | 24.00            | 45.50                         | 7                            | 24      | 50           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |          |
| O1431       | 12.94 | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                            | 15      | 12           | 3                               | 1         | 0                  |                  |             |                              |                         | 12.94                    | 342.91              |          |
| pp540*      | 0.02  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.02                     | 0.00                |          |
| pp752*      | 10.40 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 10.40                    | 0.00                |          |
| 249.31      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  | 120.55      | 4,452.06                     | 0.00                    | 0.00                     | 128.37              | 2,736.86 |

| REMOVALS              |             |                |                                                             | Suitable Acreage |                     | Potentially Suitable |             | Future Potential |               |
|-----------------------|-------------|----------------|-------------------------------------------------------------|------------------|---------------------|----------------------|-------------|------------------|---------------|
| Stand                 | Fiscal Year | Project Number | Project Name                                                | Removed          | Suitable BA Removed | Acreage Removed      | Removed     | Acreage Removed  | Removed       |
| O1408                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails | 3.87             | 154.80              |                      |             |                  |               |
| O1416                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                  |                     |                      | 6.26        | 131.46           |               |
| O1417                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails | 1.99             | 62.69               |                      |             |                  |               |
| O1418                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails | 1.97             | 69.94               |                      |             |                  |               |
| O1420                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails | 6.16             | 267.96              |                      |             |                  |               |
| pp752*                | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT-Upgrade Tank Trails |                  |                     |                      | 3.73        | 0.00             |               |
| <b>TOTAL REMOVALS</b> |             |                |                                                             | <b>13.99</b>     | <b>555.39</b>       | <b>0.00</b>          | <b>0.00</b> | <b>9.99</b>      | <b>131.46</b> |

| POST-PROJECT                        |               | <b>2009</b>     |  |
|-------------------------------------|---------------|-----------------|--|
| Suitable Habitat                    | Acres         | BA              |  |
| <b>Suitable Habitat</b>             | <b>106.56</b> | <b>3,896.67</b> |  |
| <b>Potentially Suitable Habitat</b> | <b>0.00</b>   | <b>0.00</b>     |  |
| <b>Future Potential Habitat</b>     | <b>118.38</b> | <b>2,605.40</b> |  |
| <b>TOTAL</b>                        | <b>224.94</b> | <b>6,502.07</b> |  |

| Key:                                                                                  |                                                            |              |
|---------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|
| BA= basal area                                                                        | Type Burn                                                  | Stand Score  |
| dbh= diameter at breast height                                                        | 0=no data available                                        | 0=Unsuitable |
| hwd= hardwood                                                                         | 1=non-growing season                                       | 1=Suitable   |
| hgc= herbaceous ground cover                                                          | 2=growing season                                           |              |
| Hardwood Midstory:                                                                    | Forest Type:                                               |              |
| 1 = low, sparse                                                                       | 10 = Yellow Pine-Upland Hardwood                           |              |
| 2 = low, moderate                                                                     | 21 = Longleaf Pine                                         |              |
| 3 = low, dense                                                                        | 21P = Longleaf Pine Plantation                             |              |
| 4 = medium, sparse                                                                    | 26 = Mixed Pine-Longleaf                                   |              |
| 5 = tall, sparse                                                                      | 31 = Loblolly Pine                                         |              |
| 6 = medium, moderate                                                                  | 42** = Upland Hardwood-Yellow Pine (managed for hardwoods) |              |
| 7 = tall, moderate                                                                    |                                                            |              |
| 8 = medium, dense                                                                     |                                                            |              |
| 9 = tall, dense                                                                       |                                                            |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                                            |              |

Appendix Table H-258. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-01, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1405       | 0.25  | 85       | 10          | 32.84                | 11.00             | 15.71                 | 10.50              | 3.87                | 5.00             | 34.38               | 8.04                 | 1.57               | 7.50            | 15.50            | 34.00                         | 1                           | 25      | 33           | 3                               | 1         | 3.05               | PS          |                  |             |                              |                         | 0.25                     | 3.88                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1407       | 31.43 | 64       | 31          | 40.81                | 12.50             | 9.94                  | 7.00               | 12.07               | 20.50            | 25.79               | 2.21                 | 2.86               | 6.00            | 27.50            | 46.00                         | 1                           | 20      | 19           | 3                               | 1         | 3.75               | PS          |                  |             |                              |                         | 31.43                    | 864.33              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1408       | 29.12 | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                           | 20      | 6            | 3                               | 1         | 3.45               | PS          |                  |             |                              |                         | 29.12                    | 1,164.80            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1415       | 14.19 | 62       | 21          | 2.67                 | 1.00              | 9.17                  | 7.00               | 8.17                | 13.00            | 14.26               | 2.85                 | 1.76               | 4.50            | 20.00            | 25.50                         | 1                           | 21      | 21           | 3                               | 1         | 3.44               | PS          |                  |             |                              |                         | 14.19                    | 283.80              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1416       | 59.14 | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                           | 22      | 11           | 3                               | 1         | 3.06               | PS          |                  |             |                              |                         | 59.14                    | 1,241.94            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1417       | 17.21 | 66       | 31          | 29.64                | 8.00              | 17.15                 | 12.50              | 12.89               | 19.00            | 14.72               | 6.46                 | 3.00               | 9.50            | 31.50            | 49.00                         | 2                           | 20      | 24           | 3                               | 1         | 3.76               | PS          |                  |             |                              |                         | 17.21                    | 542.12              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1418       | 60.43 | 94       | 21          | 10.78                | 3.50              | 10.99                 | 8.50               | 18.45               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 35.50            | 41.00                         | 2                           | 31      | 8            | 3                               | 1         | 4.38               | CS          | 60.43            | 2,145.27    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1420       | 13.79 | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                           | 51      | 0            | 3                               | 1         | 3.75               | PS          |                  |             |                              |                         | 13.79                    | 599.87              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1423       | 0.39  | 87       | 42**        | 11.70                | 3.50              | 12.76                 | 9.50               | 9.76                | 14.50            | 26.77               | 19.26                | 3.01               | 18.00           | 24.00            | 45.50                         | 7                           | 24      | 50           | 3                               | 1         | 3.25               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1431       | 12.94 | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                           | 15      | 12           | 3                               | 1         | 3.17               | PS          |                  |             |                              |                         | 12.94                    | 342.91              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp540*      | 0.02  | 7        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 0.02                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp752*      | 10.40 | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.60               | NH          |                  |             |                              |                         | 10.40                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 249.31      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-259. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1309       | 1.93  | 82       | 31          | 6.12                 | 2.00              | 6.06                  | 5.00               | 8.84                | 13.00            | 25.47               | 14.17                | 3.82               | 15.00           | 18.00            | 35.00                         | 1                            | 21      | 55           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1318       | 0.04  | 55       | 31          | 10.66                | 2.50              | 15.06                 | 11.00              | 12.06               | 17.00            | 9.85                | 7.63                 | 2.89               | 11.00           | 28.00            | 41.50                         | 1                            | 23      | 28           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1408       | 1.15  | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1409       | 7.81  | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                            | 20      | 32           | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1413       | 22.70 | 93       | 31U         | 0.00                 | 0.00              | 1.10                  | 1.00               | 14.76               | 27.50            | 2.55                | 0.00                 | 0.25               | 0.50            | 28.50            | 29.00                         | 1                            | 23      | 2            | 3                               | 1         | 0                  |                  |             |                              |                         | 22.70                    | 646.95              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1420       | 0.76  | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                            | 51      | 0            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1421       | 23.77 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                            | 13      | 12           | 3                               | 1         | 0                  |                  |             |                              |                         | 23.77                    | 660.33              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1422       | 35.69 | 84       | 21          | 33.94                | 10.50             | 11.39                 | 9.00               | 25.59               | 43.00            | 1.11                | 3.80                 | 0.69               | 3.50            | 52.00            | 66.00                         | 2                            | 28      | 11           | 3                               | 1         | 1                  | 35.69            | 1,855.88    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1422       | 0.02  | 84       | 21U         | 33.94                | 10.50             | 11.39                 | 9.00               | 25.59               | 43.00            | 1.11                | 3.80                 | 0.69               | 3.50            | 52.00            | 66.00                         | 2                            | 28      | 11           | 3                               | 1         | 1                  | 0.02             | 1.04        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1515       | 3.13  | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              |                         | 3.13                     | 64.17               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1515       | 4.98  | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.98                     | 102.09              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1517       | 1.13  | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 1.13                     | 3.76                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1517       | 8.82  | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 8.82                     | 29.37               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp338*      | 11.85 | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 11.85                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp815*      | 0.09  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.09                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp916*      | 3.41  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.41                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp917*      | 0.22  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.22                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp918*      | 7.00  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 7.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 134.50      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

| REMOVALS              |             |                |                                          |  |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|-----------------------|-------------|----------------|------------------------------------------|--|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                             |  |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| O1421                 | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 8.11                             | 225.30                      |
| O1422                 | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  | 9.72                     | 505.44              |                                      |                                 |                                  |                             |
| O1515                 | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 1.23                             | 25.22                       |
| O1517                 | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 0.59                             | 1.96                        |
| pp338*                | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 2.77                             | 0.00                        |
| pp815*                | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 0.09                             | 0.00                        |
| pp918*                | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |  |  |  |  |                          |                     |                                      |                                 | 3.33                             | 0.00                        |
| <b>TOTAL REMOVALS</b> |             |                |                                          |  |  |  |  | <b>9.72</b>              | <b>505.44</b>       | <b>0.00</b>                          | <b>0.00</b>                     | <b>16.12</b>                     | <b>252.48</b>               |

| POST-PROJECT                 |  |  |  | 2009         |                 |
|------------------------------|--|--|--|--------------|-----------------|
|                              |  |  |  | Acres        | BA              |
| Suitable Habitat             |  |  |  | 25.99        | 1,351.48        |
| Potentially Suitable Habitat |  |  |  | 0.00         | 0.00            |
| Future Potential Habitat     |  |  |  | 70.98        | 1,254.19        |
| <b>SUB-TOTAL</b>             |  |  |  | <b>96.97</b> | <b>2,605.67</b> |

|                                                                                                                                                                              |                                              |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|
| <b>Key:</b>                                                                                                                                                                  |                                              |              |
| BA= basal area                                                                                                                                                               | Type Burn                                    | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available                          | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season                         | 1=Suitable   |
| hgcc= herbaceous ground cover                                                                                                                                                | 2=growing season                             |              |
| <b>Hardwood Midstory:</b>                                                                                                                                                    |                                              |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine                           |              |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation               |              |
| 3 = low, dense                                                                                                                                                               | 21PU = Longleaf Pine Plantation Underplanted |              |
| 4 = medium, sparse                                                                                                                                                           | 21U = Longleaf Pine Underplanted             |              |
| 5 = tall, sparse                                                                                                                                                             | 31 = Loblolly Pine                           |              |
| 6 = medium, moderate                                                                                                                                                         | 31P = Loblolly Pine Plantation               |              |
| 7 = tall, moderate                                                                                                                                                           | 31PU = Loblolly Pine Plantation Underplanted |              |
| 8 = medium, dense                                                                                                                                                            | 31U = Loblolly Pine Underplanted             |              |
| 9 = tall, dense                                                                                                                                                              |                                              |              |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                              |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                              |              |

Appendix Table H-260. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|------|-------|----------|-------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1309       | 1.93  | 82       | 31          | 6.12                 | 2.00              | 6.06                  | 5.00               | 8.84                | 13.00            | 25.47               | 14.17                | 3.82               | 15.00           | 18.00            | 35.00                         | 1                            | 21      | 55           | 3                               | 1         | 3.46               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1318       | 0.04  | 55       | 31          | 10.66                | 2.50              | 15.06                 | 11.00              | 12.06               | 17.00            | 9.85                | 7.63                 | 2.89               | 11.00           | 28.00            | 41.50                         | 1                            | 23      | 28           | 3                               | 1         | 3.77               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1408       | 1.15  | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 3.76               | PS          |                  |             |                              | 1.15                    | 46.00                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1409       | 7.81  | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                            | 20      | 32           | 3                               | 1         | 3.81               | PS          |                  |             |                              | 7.81                    | 273.35                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1413       | 22.70 | 93       | 31U         | 0.00                 | 0.00              | 1.10                  | 1.00               | 14.76               | 27.50            | 2.55                | 0.00                 | 0.25               | 0.50            | 28.50            | 29.00                         | 1                            | 23      | 2            | 3                               | 1         | 4.39               | PS          |                  |             |                              | 22.70                   | 646.95                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1420       | 0.75  | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                            | 51      | 0            | 3                               | 1         | 4.06               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1421       | 23.77 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                            | 13      | 12           | 3                               | 1         | 3.30               | PS          |                  |             |                              | 23.77                   | 660.33                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1422       | 35.69 | 84       | 21          | 33.94                | 10.50             | 11.39                 | 9.00               | 25.59               | 43.00            | 1.11                | 3.80                 | 0.69               | 3.50            | 52.00            | 66.00                         | 2                            | 28      | 11           | 3                               | 1         | 4.52               | PS          |                  | 35.69       | 1,855.88                     |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1422       | 0.02  | 84       | 21U         | 33.94                | 10.50             | 11.39                 | 9.00               | 25.59               | 43.00            | 1.11                | 3.80                 | 0.69               | 3.50            | 52.00            | 66.00                         | 2                            | 28      | 11           | 3                               | 1         | 4.52               | PS          |                  | 0.02        | 1.04                         |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1515       | 3.13  | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |             |                              | 3.13                    | 64.17                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1515       | 4.98  | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |             |                              | 4.98                    | 102.09                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1517       | 1.13  | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |             |                              | 1.13                    | 3.76                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| O1517       | 8.82  | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |             |                              | 8.82                    | 29.37                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| pp338*      | 11.85 | 11       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 11.85                   | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| pp815*      | 0.09  | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 0.09                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| pp916*      | 3.41  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 3.41                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| pp917*      | 0.22  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 0.22                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| pp918*      | 7.00  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 7.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |      |       |          |       |          |
| 134.50      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.00 | 0.00 | 35.71 | 1,856.92 | 96.06 | 1,826.02 |

| REMOVALS       |             |                |                                          |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                             | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1408          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 0.81                             | 32.40                       |
| O1409          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 4.35                             | 152.25                      |
| O1421          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 8.11                             | 225.30                      |
| O1422          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     | 9.72                                 | 505.44                          | 1.23                             | 25.22                       |
| O1515          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 0.59                             | 1.96                        |
| O1517          | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 2.77                             | 0.90                        |
| pp338*         | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 0.09                             | 0.00                        |
| pp815*         | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 3.33                             | 0.00                        |
| pp918*         | 2009        | 69741          | Training Area Infrastructure 19 DIK OSUT |                          |                     |                                      |                                 | 3.33                             | 0.00                        |
| TOTAL REMOVALS |             |                |                                          | 0.00                     | 0.00                | 9.72                                 | 505.44                          | 21.28                            | 437.13                      |

| POST-PROJECT                 |        | 2009 SUB-TOTAL |       | non-contiguous habitat |                              | 2009 TOTAL |          |
|------------------------------|--------|----------------|-------|------------------------|------------------------------|------------|----------|
| Suitable Habitat             | Acres  | BA             | Acres | BA                     | Suitable Habitat             | Acres      | BA       |
| Potentially Suitable Habitat | 25.99  | 1,351.48       | 0.00  | 0.00                   | Potentially Suitable Habitat | 25.99      | 1,351.48 |
| Future Potential Habitat     | 74.78  | 1,388.89       | 3.80  | 134.70                 | Future Potential Habitat     | 70.98      | 1,254.19 |
| TOTAL                        | 100.77 | 2,740.37       | 3.80  | 134.70                 | TOTAL                        | 96.97      | 2,605.67 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
21PU = Longleaf Pine Plantation Underplanted  
21U = Longleaf Pine Underplanted  
31 = Loblolly Pine  
31P = Loblolly Pine Plantation  
31PU = Loblolly Pine Plantation Underplanted  
31U = Loblolly Pine Underplanted

\*Note: No pine data was collected for pine plantation stands less than 30 years old.  
Stand O1408 and a portion of O1409 are non-contiguous as a result of project impacts and can no longer be counted towards the available foraging habitat for the partition.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-261. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-03R, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |                  |                                 |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Potentially Suitable BA Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| M0103       | 11.03 | 63       | 31          | 46.03                | 13.50             | 24.64                 | 17.50              | 16.79               | 28.00            | 14.35               | 9.33                 | 4.40               | 12.00           | 45.50            | 71.00                         | 1                           | 19      | 25           | 3                               | 2         | 1                  | 11.03            | 501.87                          |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| M0106       | 11.06 | 86       | 13          | 31.40                | 9.50              | 15.56                 | 10.50              | 9.79                | 15.50            | 30.94               | 14.12                | 5.15               | 18.50           | 26.00            | 54.00                         | 1                           | 11      | 43           | 3                               | 2         | 0                  |                  |                                 |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| M0202       | 6.73  | 55       | 31          | 13.65                | 5.00              | 40.83                 | 30.00              | 8.33                | 11.25            | 0.00                | 1.57                 | 1.17               | 2.50            | 41.25            | 48.75                         | 1                           | 29      | 5            | 3                               | 2         | 1                  | 6.73             | 277.61                          |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| M0207       | 1.80  | 68       | 31          | 37.21                | 13.00             | 23.70                 | 15.50              | 10.35               | 16.50            | 5.29                | 1.99                 | 1.78               | 4.00            | 32.00            | 49.00                         | 1                           | 32      | 10           | 3                               | 2         | 1                  | 0.00             | 0.00                            |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1418       | 4.53  | 94       | 21          | 10.78                | 3.50              | 10.89                 | 8.50               | 18.45               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 35.50            | 41.00                         | 2                           | 31      | 8            | 3                               | 1         | 1                  | 0.00             | 0.00                            |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1420       | 41.00 | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                           | 51      | 0            | 3                               | 1         | 1                  | 41.00            | 1,783.50                        |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1421       | 27.35 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                           | 13      | 12           | 3                               | 1         | 0                  |                  |                                 | 27.35                   | 759.78                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1427       | 10.39 | 65       | 31          | 45.32                | 12.00             | 28.41                 | 21.00              | 25.58               | 36.50            | 4.73                | 1.97                 | 0.30               | 1.50            | 57.50            | 71.00                         | 2                           | 26      | 4            | 3                               | 1         | 1                  | 10.39            | 597.43                          |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1428       | 37.13 | 47       | 31          | 27.23                | 8.42              | 22.76                 | 16.32              | 13.72               | 19.47            | 16.78               | 6.22                 | 1.45               | 5.79            | 35.79            | 50.00                         | 1                           | 24      | 17           | 3                               | 1         | 1                  | 37.13            | 1,328.88                        |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1431       | 7.56  | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                           | 15      | 12           | 3                               | 1         | 0                  |                  |                                 | 7.56                    | 200.34                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1432       | 28.32 | 63       | 31          | 18.83                | 5.50              | 11.50                 | 8.00               | 20.25               | 33.50            | 24.94               | 5.21                 | 2.21               | 7.00            | 41.50            | 54.00                         | 2                           | 23      | 19           | 3                               | 1         | 1                  | 28.32            | 1,175.28                        |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| O1434       | 20.88 | 63       | 31          | 10.59                | 2.78              | 19.07                 | 14.44              | 22.26               | 33.33            | 2.65                | 0.68                 | 1.74               | 3.33            | 47.78            | 53.89                         | 1                           | 24      | 6            | 3                               | 1         | 1                  | 20.88            | 997.65                          |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp149*      | 3.36  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                                 |                         | 3.36                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp744*      | 1.49  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                                 |                         | 1.49                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp752*      | 9.65  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                                 |                         | 9.65                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp815*      | 16.02 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                                 |                         | 16.02                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| pp816*      | 23.30 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |                                 |                         | 23.30                    | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 261.60      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |                  |                                 |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

Appendix Table H-262. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-03R, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT                                 |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|---------------------------------------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|---------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand                                       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| M0103                                       | 11.03 | 63       | 31          | 46.03                | 13.50             | 24.64                 | 17.50              | 16.79               | 28.00            | 14.35               | 9.33                 | 4.40               | 12.00           | 45.50            | 71.00                         | 1                   | 19      | 25           | 3                               | 2         | 4.28               | PS          |                  |             |                              |                         | 11.03                    | 501.87              |
| M0106                                       | 11.06 | 86       | 13          | 31.40                | 9.50              | 15.56                 | 10.50              | 9.79                | 15.50            | 30.94               | 14.12                | 5.15               | 18.50           | 26.00            | 54.00                         | 1                   | 11      | 43           | 3                               | 2         | 3.82               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| M0202                                       | 6.73  | 55       | 31          | 13.65                | 5.00              | 40.83                 | 30.00              | 8.33                | 11.25            | 0.00                | 1.57                 | 1.17               | 2.50            | 41.25            | 48.75                         | 1                   | 29      | 5            | 3                               | 2         | 3.93               | PS          |                  |             |                              |                         | 6.73                     | 277.61              |
| M0207                                       | 1.80  | 68       | 31          | 37.21                | 13.00             | 23.70                 | 15.50              | 10.35               | 16.50            | 5.29                | 1.99                 | 1.78               | 4.00            | 32.00            | 49.00                         | 1                   | 32      | 10           | 3                               | 2         | 4.04               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1418                                       | 4.53  | 94       | 21          | 10.78                | 3.50              | 10.89                 | 8.50               | 18.45               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 35.50            | 41.00                         | 2                   | 31      | 8            | 3                               | 1         | 4.70               | CS          | 0.00             | 0.00        |                              |                         |                          |                     |
| O1420                                       | 41.00 | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                   | 51      | 0            | 3                               | 1         | 4.06               | PS          |                  |             |                              |                         | 41.00                    | 1,783.50            |
| O1421                                       | 27.35 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                   | 13      | 12           | 3                               | 1         | 3.30               | PS          |                  |             |                              |                         | 27.35                    | 759.78              |
| O1427                                       | 10.39 | 65       | 31          | 45.32                | 12.00             | 28.41                 | 21.00              | 25.58               | 36.50            | 4.73                | 1.97                 | 0.30               | 1.50            | 57.50            | 71.00                         | 2                   | 26      | 4            | 3                               | 1         | 4.57               | PS          |                  |             | 10.39                        | 597.43                  |                          |                     |
| O1428                                       | 37.13 | 47       | 31          | 27.23                | 8.42              | 22.76                 | 16.32              | 13.72               | 19.47            | 16.78               | 6.22                 | 1.45               | 5.79            | 35.79            | 50.00                         | 1                   | 24      | 17           | 3                               | 1         | 3.87               | PS          |                  |             |                              |                         | 37.13                    | 1,328.88            |
| O1431                                       | 7.56  | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                   | 15      | 12           | 3                               | 1         | 3.42               | PS          |                  |             |                              |                         | 7.56                     | 200.34              |
| O1432                                       | 28.32 | 63       | 31          | 18.83                | 5.50              | 11.50                 | 8.00               | 20.25               | 33.50            | 24.94               | 5.21                 | 2.21               | 7.00            | 41.50            | 54.00                         | 2                   | 23      | 19           | 3                               | 1         | 4.52               | CS          | 28.32            | 1,175.28    |                              |                         |                          |                     |
| O1434                                       | 20.88 | 63       | 31          | 10.59                | 2.78              | 19.07                 | 14.44              | 22.26               | 33.33            | 2.65                | 0.68                 | 1.74               | 3.33            | 47.78            | 53.89                         | 1                   | 24      | 6            | 3                               | 1         | 4.65               | CS          | 20.88            | 997.65      |                              |                         |                          |                     |
| pp149*                                      | 3.36  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.36                     | 0.00                |
| pp744*                                      | 1.49  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.49                     | 0.00                |
| pp752*                                      | 9.65  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 9.65                     | 0.00                |
| pp815*                                      | 16.02 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 16.02                    | 0.00                |
| pp816*                                      | 23.30 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 23.30                    | 0.00                |
| 261.60                                      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
| 49.20 2,172.93 10.39 597.43 184.62 4,851.98 |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |

| REMOVALS       |             |                |                                         |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                            | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| M0202          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 0.05                             | 2.06                        |
| O1420          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 12.98                            | 564.63                      |
| O1421          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 11.33                            | 314.75                      |
| O1427          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     | 3.78                                 | 217.35                          |                                  |                             |
| O1428          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 15.64                            | 559.76                      |
| O1432          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 4.78                     |                     |                                      |                                 |                                  |                             |
| O1434          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 6.00                     |                     | 198.37                               | 286.68                          |                                  |                             |
| pp149*         | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 1.09                             | 0.00                        |
| pp744*         | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 1.23                             | 0.00                        |
| pp752*         | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 3.26                             | 0.00                        |
| pp815*         | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 5.97                             | 0.00                        |
| pp816*         | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |                          |                     |                                      |                                 | 0.24                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                         | 10.78                    | 485.05              | 3.78                                 | 217.35                          | 51.79                            | 1,441.20                    |
| M0103          | 2010        | 65557          | Repair Existing Training Area Roads     |                          |                     |                                      |                                 | 1.03                             | 46.87                       |
| M0202          | 2010        | 65557          | Repair Existing Training Area Roads     |                          |                     |                                      |                                 | 0.58                             | 23.93                       |
| O1431          | 2010        | 65557          | Repair Existing Training Area Roads     |                          |                     |                                      |                                 | 0.65                             | 17.23                       |
| O1432          | 2010        | 65557          | Repair Existing Training Area Roads     | 0.33                     | 13.70               |                                      |                                 |                                  |                             |
| O1434          | 2010        | 65557          | Repair Existing Training Area Roads     | 1.26                     | 60.20               |                                      |                                 |                                  |                             |
| pp816*         | 2010        | 65557          | Repair Existing Training Area Roads     |                          |                     |                                      |                                 | 0.23                             | 0.00                        |
| 2010 SUB-TOTAL |             |                |                                         | 1.59                     | 73.90               | 0.00                                 | 0.00                            | 2.49                             | 88.03                       |
| TOTAL REMOVALS |             |                |                                         | 12.37                    | 558.95              | 3.78                                 | 217.35                          | 54.28                            | 1,529.23                    |

| POST-PROJECT                 |        |          |        |          |
|------------------------------|--------|----------|--------|----------|
|                              | 2009   |          | 2010   |          |
|                              | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 38.42  | 1,687.88 | 36.83  | 1,613.98 |
| Potentially Suitable Habitat | 6.61   | 380.08   | 6.61   | 380.08   |
| Future Potential Habitat     | 132.83 | 3,410.78 | 130.34 | 3,322.75 |
| TOTAL                        | 177.86 | 5,478.74 | 173.78 | 5,316.81 |

**Key:**

BA= basal area      Type Burn      Suitability

dbh= diameter at breast height      0=no data available      CS= currently suitable

hwd= hardwood      1=non-growing season      PS= potentially suitable

hgc= herbaceous ground cover      2=growing season      NH= non-habitat

Hardwood Midstory:      Forest Type:

1 = low, sparse      13 = Loblolly Pine-Hardwood

2 = low, moderate      21 = Longleaf Pine

3 = low, dense      21P = Longleaf Pine Plantation

4 = medium, sparse      31 = Loblolly Pine

5 = tall, sparse

6 = medium, moderate

7 = tall, moderate

8 = medium, dense

9 = tall, dense

\*Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-263. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-03R, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| M0103       | 11.03 | 63       | 31          | 46.03                | 13.50             | 24.64                 | 17.50              | 16.79               | 28.00            | 14.35               | 9.33                 | 4.40               | 12.00           | 45.50            | 71.00                         | 1                           | 19      | 25           | 3                               | 2         | 1                  | 11.03            | 501.87      |                              |                         |                          |                     |
| M0106       | 11.06 | 86       | 13          | 31.40                | 9.50              | 15.56                 | 10.50              | 9.79                | 15.50            | 30.94               | 14.12                | 5.15               | 18.50           | 26.00            | 54.00                         | 1                           | 11      | 43           | 3                               | 2         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| M0202       | 6.73  | 55       | 31          | 13.65                | 5.00              | 40.83                 | 30.00              | 8.33                | 11.25            | 0.00                | 1.57                 | 1.17               | 2.50            | 41.25            | 48.75                         | 1                           | 29      | 5            | 3                               | 2         | 1                  | 6.73             | 277.61      |                              |                         |                          |                     |
| M0207       | 1.80  | 68       | 31          | 37.21                | 13.00             | 23.70                 | 15.50              | 10.35               | 16.50            | 5.29                | 1.99                 | 1.78               | 4.00            | 32.00            | 49.00                         | 1                           | 32      | 10           | 3                               | 2         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O1418       | 4.53  | 94       | 21          | 10.78                | 3.50              | 10.89                 | 8.50               | 18.45               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 35.50            | 41.00                         | 2                           | 31      | 8            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| O1420       | 41.00 | 49       | 31          | 38.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                           | 51      | 0            | 3                               | 1         | 1                  | 41.00            | 1,783.50    |                              |                         |                          |                     |
| O1421       | 27.35 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                           | 13      | 12           | 3                               | 1         | 0                  |                  |             |                              | 27.35                   | 759.78                   |                     |
| O1427       | 10.39 | 65       | 31          | 45.32                | 12.00             | 28.41                 | 21.00              | 25.58               | 36.50            | 4.73                | 1.97                 | 0.30               | 1.50            | 57.50            | 71.00                         | 2                           | 26      | 4            | 3                               | 1         | 1                  | 10.39            | 597.43      |                              |                         |                          |                     |
| O1428       | 37.13 | 47       | 31          | 27.23                | 8.42              | 22.76                 | 16.32              | 13.72               | 19.47            | 16.78               | 6.22                 | 1.45               | 5.79            | 35.79            | 50.00                         | 1                           | 24      | 17           | 3                               | 1         | 1                  | 37.13            | 1,328.88    |                              |                         |                          |                     |
| O1431       | 7.56  | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                           | 15      | 12           | 3                               | 1         | 0                  |                  |             |                              | 7.56                    | 200.34                   |                     |
| O1432       | 28.32 | 63       | 31          | 18.83                | 5.50              | 11.50                 | 8.00               | 20.25               | 33.50            | 24.94               | 5.21                 | 2.21               | 7.00            | 41.50            | 54.00                         | 2                           | 23      | 19           | 3                               | 1         | 1                  | 28.32            | 1,175.28    |                              |                         |                          |                     |
| O1434       | 20.88 | 63       | 31          | 10.59                | 2.78              | 19.07                 | 14.44              | 22.26               | 33.33            | 2.65                | 0.68                 | 1.74               | 3.33            | 47.78            | 53.89                         | 1                           | 24      | 6            | 3                               | 1         | 1                  | 20.88            | 997.65      |                              |                         |                          |                     |
| pp149*      | 3.36  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 3.36                    | 0.00                     |                     |
| pp144*      | 1.49  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 1.49                    | 0.00                     |                     |
| pp752*      | 9.65  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 9.65                    | 0.00                     |                     |
| pp815*      | 16.02 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 16.02                   | 0.00                     |                     |
| pp816*      | 23.30 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 23.30                   | 0.00                     |                     |
| 261.60      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    | 155.48           | 6,662.22    | 0.00                         | 0.00                    | 88.73                    | 960.12              |

| REMOVALS              |      | Fiscal Year |                                     | Project      | Suitable Acreage |                     | Potentially Suitable Acreage |                                 | Future Potential Acreage |                             |
|-----------------------|------|-------------|-------------------------------------|--------------|------------------|---------------------|------------------------------|---------------------------------|--------------------------|-----------------------------|
| Stand                 | Year | Fiscal Year | Project                             | Project Name | Removed          | Suitable BA Removed | Removed                      | Potentially Suitable BA Removed | Removed                  | Future Potential BA Removed |
| M0103                 | 2010 | 65557       | Repair Existing Training Area Roads |              | 1.03             | 46.87               |                              |                                 |                          |                             |
| M0202                 | 2010 | 65557       | Repair Existing Training Area Roads |              | 0.58             | 23.93               |                              |                                 |                          |                             |
| O1431                 | 2010 | 65557       | Repair Existing Training Area Roads |              |                  |                     |                              |                                 | 0.65                     | 17.23                       |
| O1432                 | 2010 | 65557       | Repair Existing Training Area Roads |              | 0.33             | 13.70               |                              |                                 |                          |                             |
| O1434                 | 2010 | 65557       | Repair Existing Training Area Roads |              | 1.26             | 60.20               |                              |                                 |                          |                             |
| pp816*                | 2010 | 65557       | Repair Existing Training Area Roads |              |                  |                     |                              |                                 | 0.23                     | 0.00                        |
| <b>TOTAL REMOVALS</b> |      |             |                                     |              | <b>3.20</b>      | <b>144.70</b>       | <b>0.00</b>                  | <b>0.00</b>                     | <b>0.88</b>              | <b>17.23</b>                |

| POST-PROJECT                 |              | 2010          |  |
|------------------------------|--------------|---------------|--|
| Suitable Habitat             | Acres        | BA            |  |
| Potentially Suitable Habitat | 152.28       | 6,517.52      |  |
| Future Potential Habitat     | 0.00         | 0.00          |  |
| <b>TOTAL</b>                 | <b>87.85</b> | <b>942.89</b> |  |
|                              | 240.13       | 7,460.41      |  |

|                                                                                                                                                                              |                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| Key:                                                                                                                                                                         |                                |              |
| BA= basal area                                                                                                                                                               | Type Burn                      | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |              |
| 1 = low, sparse                                                                                                                                                              | 13 = Loblolly Pine-Hardwood    |              |
| 2 = low, moderate                                                                                                                                                            | 21 = Longleaf Pine             |              |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                                                                                                                                                             |                                |              |
| 6 = medium, moderate                                                                                                                                                         |                                |              |
| 7 = tall, moderate                                                                                                                                                           |                                |              |
| 8 = medium, dense                                                                                                                                                            |                                |              |
| 9 = tall, dense                                                                                                                                                              |                                |              |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |              |

Appendix Table H-264. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O14-03R, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|---------------------|-------------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height | HGC Density | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| M0103       | 11.03 | 63       | 31          | 46.03                | 13.50             | 24.64                 | 17.50              | 16.79               | 28.00            | 14.35               | 9.33                 | 4.40               | 12.00           | 45.50            | 71.00                         | 1                   | 19          | 25           | 3                               | 2         | 4.28               | PS          |                  |             |                              |                         | 11.03                    | 501.87              |
| M0106       | 11.06 | 86       | 13          | 31.40                | 9.50              | 15.56                 | 10.50              | 9.79                | 15.50            | 30.94               | 14.12                | 5.15               | 18.50           | 26.00            | 54.00                         | 1                   | 11          | 43           | 3                               | 2         | 3.82               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| M0202       | 6.73  | 55       | 31          | 13.65                | 5.00              | 40.83                 | 30.00              | 8.33                | 11.25            | 0.00                | 1.57                 | 1.17               | 2.50            | 41.25            | 48.75                         | 1                   | 29          | 5            | 3                               | 2         | 3.93               | PS          |                  |             |                              |                         | 6.73                     | 277.61              |
| M0207       | 1.80  | 68       | 31          | 37.21                | 13.00             | 23.70                 | 15.50              | 10.35               | 16.50            | 5.29                | 1.99                 | 1.78               | 4.00            | 32.00            | 49.00                         | 1                   | 32          | 10           | 3                               | 2         | 4.04               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| O1416       | 4.73  | 94       | 21          | 10.78                | 3.50              | 10.99                 | 8.50               | 18.46               | 27.00            | 10.30               | 2.30                 | 0.28               | 2.00            | 38.50            | 41.00                         | 2                   | 31          | 8            | 3                               | 1         | 4.70               | CS          | 0.00             | 0.00        |                              |                         |                          |                     |
| O1420       | 41.00 | 49       | 31          | 39.74                | 10.50             | 38.39                 | 28.50              | 11.58               | 15.00            | 1.59                | 0.00                 | 0.00               | 0.00            | 43.50            | 54.00                         | 2                   | 51          | 0            | 3                               | 1         | 4.06               | PS          |                  |             |                              |                         | 41.00                    | 1,783.50            |
| O1421       | 27.35 | 46       | 31          | 24.26                | 7.78              | 14.70                 | 10.56              | 11.23               | 17.22            | 9.49                | 2.56                 | 1.10               | 3.89            | 27.78            | 39.44                         | 8                   | 13          | 12           | 3                               | 1         | 3.30               | PS          |                  |             |                              |                         | 27.35                    | 759.78              |
| O1427       | 10.39 | 65       | 31          | 45.32                | 12.00             | 28.41                 | 21.00              | 25.58               | 36.50            | 4.73                | 1.97                 | 0.30               | 1.50            | 57.50            | 71.00                         | 2                   | 26          | 4            | 3                               | 1         | 4.57               | PS          |                  |             | 10.39                        | 597.43                  |                          |                     |
| O1428       | 37.13 | 47       | 31          | 27.23                | 8.42              | 22.76                 | 16.32              | 13.72               | 19.47            | 16.78               | 6.22                 | 1.45               | 5.79            | 35.79            | 50.00                         | 1                   | 24          | 17           | 3                               | 1         | 3.87               | PS          |                  |             |                              |                         | 37.13                    | 1,328.88            |
| O1431       | 7.56  | 78       | 21          | 62.86                | 16.50             | 18.56                 | 12.50              | 9.28                | 14.00            | 7.33                | 1.12                 | 2.78               | 5.50            | 26.50            | 48.50                         | 6                   | 15          | 12           | 3                               | 1         | 3.42               | PS          |                  |             |                              |                         | 7.56                     | 200.34              |
| O1432       | 28.32 | 63       | 31          | 18.83                | 5.50              | 11.50                 | 8.00               | 20.25               | 33.50            | 24.94               | 5.21                 | 2.21               | 7.00            | 41.50            | 54.00                         | 2                   | 23          | 19           | 3                               | 1         | 4.52               | CS          | 28.32            | 1,175.28    |                              |                         |                          |                     |
| O1434       | 20.88 | 63       | 31          | 10.59                | 2.78              | 19.07                 | 14.44              | 22.26               | 33.33            | 2.65                | 0.68                 | 1.74               | 3.33            | 47.78            | 53.89                         | 1                   | 24          | 6            | 3                               | 1         | 4.65               | CS          | 20.88            | 997.65      |                              |                         |                          |                     |
| pp149*      | 3.36  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.36                     | 0.00                |
| pp744*      | 1.49  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.49                     | 0.00                |
| pp752*      | 9.65  | 4        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 9.65                     | 0.00                |
| pp815*      | 16.02 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 16.02                    | 0.00                |
| pp816*      | 23.30 | 3        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 23.30                    | 0.00                |
| 261.60      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|             |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |              |                                 |           |                    |             | 49.20            | 2,172.93    | 10.39                        | 597.43                  | 184.62                   | 4,851.98            |

| REMOVALS              |             |                |                                     |                          |                     |                                      |
|-----------------------|-------------|----------------|-------------------------------------|--------------------------|---------------------|--------------------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                        | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed |
| M0103                 | 2010        | 65557          | Repair Existing Training Area Roads |                          |                     | 1.03                                 |
| M0202                 | 2010        | 65557          | Repair Existing Training Area Roads |                          |                     | 0.58                                 |
| O1431                 | 2010        | 65557          | Repair Existing Training Area Roads |                          |                     | 0.65                                 |
| O1432                 | 2010        | 65557          | Repair Existing Training Area Roads | 0.33                     | 13.70               |                                      |
| O1434                 | 2010        | 65557          | Repair Existing Training Area Roads | 1.26                     | 60.20               |                                      |
| pp816*                | 2010        | 65557          | Repair Existing Training Area Roads |                          |                     | 0.23                                 |
| <b>TOTAL REMOVALS</b> |             |                |                                     | <b>1.59</b>              | <b>73.90</b>        | <b>0.00</b>                          |
|                       |             |                |                                     |                          |                     | <b>2.49</b>                          |
|                       |             |                |                                     |                          |                     | <b>88.03</b>                         |

| POST-PROJECT                 |               |                 |
|------------------------------|---------------|-----------------|
|                              | 2010          |                 |
| Suitable Habitat             | 47.61         | 2,099.03        |
| Potentially Suitable Habitat | 10.39         | 597.43          |
| Future Potential Habitat     | 182.13        | 4,763.95        |
| <b>TOTAL</b>                 | <b>240.13</b> | <b>7,460.41</b> |

| Key:                                                                                                                                                                         |                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn                      | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |                          |
| 1 = low, sparse                                                                                                                                                              | 13 = Loblolly Pine-Hardwood    |                          |
| 2 = low, moderate                                                                                                                                                            | 21 = Longleaf Pine             |                          |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation |                          |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse                                                                                                                                                             |                                |                          |
| 6 = medium, moderate                                                                                                                                                         |                                |                          |
| 7 = tall, moderate                                                                                                                                                           |                                |                          |
| 8 = medium, dense                                                                                                                                                            |                                |                          |
| 9 = tall, dense                                                                                                                                                              |                                |                          |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |                          |

Appendix Table H-265. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-01, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1127       | 22.54 | 24       | 31P         | 151.64               | 50.00             | 45.56                 | 26.00              | 0.00                | 0.00             | 12.44               | 0.00                 | 0.00               | 0.00            | 26.00            | 76.00                         | 1                            | 15      | 0            | 3                               | 1         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| O1408       | 9.52  | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 1                  |                  | 9.52        | 380.80                       |                         |                          |                     |
| O1409       | 23.69 | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                            | 20      | 32           | 3                               | 1         | 1                  |                  | 23.69       | 829.15                       |                         |                          |                     |
| O1416       | 0.71  | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                            | 22      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| O1511       | 2.21  | 50       | 31          | 15.11                | 3.00              | 5.34                  | 4.00               | 9.50                | 15.00            | 3.09                | 0.00                 | 0.30               | 1.00            | 19.00            | 23.00                         | 1                            | 38      | 2            | 3                               | 1         | 0                  |                  |             |                              | 0.71                    | 14.91                    |                     |
| O1512       | 21.93 | 75       | 31          | 21.83                | 5.50              | 14.65                 | 10.50              | 10.68               | 16.50            | 2.29                | 6.24                 | 2.70               | 8.00            | 27.00            | 40.50                         | 1                            | 35      | 26           | 3                               | 1         | 0                  |                  |             |                              | 21.93                   | 592.11                   |                     |
| O1515       | 26.45 | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              | 26.45                   | 542.23                   |                     |
| O1515       | 10.79 | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              | 10.79                   | 221.20                   |                     |
| O1517       | 0.17  | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              | 0.17                    | 0.57                     |                     |
| O1517       | 1.29  | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              | 1.29                    | 4.30                     |                     |
| pp428*      | 7.69  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 0.00                    | 0.00                     |                     |
| pp916*      | 16.42 | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              | 16.42                   | 0.00                     |                     |
| 143.41      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 33.21            | 1,209.95    | 0.00                         | 0.00                    | 79.97                    | 1,417.31            |

| REMOVALS       |             |                |                                          |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                             | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1409          | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT | 6.17                     | 215.95              |                                      |                                 |                                  |                             |
| O1511          | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |                          |                     |                                      |                                 | 0.57                             | 10.83                       |
| O1511          | 2009        | 69742          | Northern Training Area Infrastructure    |                          |                     |                                      |                                 | 0.87                             | 18.43                       |
| O1512          | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |                          |                     |                                      |                                 | 3.15                             | 85.05                       |
| O1512          | 2009        | 69742          | Northern Training Area Infrastructure    |                          |                     |                                      |                                 | 0.10                             | 2.70                        |
| O1515          | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |                          |                     |                                      |                                 | 13.17                            | 269.99                      |
| pp916*         | 2009        | 69741          | Training Area Infrastructure 19 D/K OSUT |                          |                     |                                      |                                 | 5.18                             | 0.00                        |
| 2009 SUB-TOTAL |             |                |                                          | 6.17                     | 215.95              | 0.00                                 | 0.00                            | 23.14                            | 387.00                      |

| POST-PROJECT                 |       |          |
|------------------------------|-------|----------|
|                              | 2009  |          |
| Suitable Habitat             | Acres | BA       |
|                              | 27.04 | 994.00   |
| Potentially Suitable Habitat | 0.00  | 0.00     |
| Future Potential Habitat     | 56.83 | 1,030.31 |
| TOTAL                        | 83.87 | 2,024.31 |

| Key:                                                                                                                                                                         |                                              |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|
| BA= basal area                                                                                                                                                               | Type Burn                                    | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available                          | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season                         | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season                             |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                                 |              |
| 1 = low, sparse                                                                                                                                                              | 21P = Longleaf Pine Plantation               |              |
| 2 = low, moderate                                                                                                                                                            | 21PU = Longleaf Pine Plantation Underplanted |              |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf                     |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine                           |              |
| 5 = tall, sparse                                                                                                                                                             | 31P = Loblolly Pine Plantation               |              |
| 6 = medium, moderate                                                                                                                                                         | 31PU = Loblolly Pine Plantation Underplanted |              |
| 7 = tall, moderate                                                                                                                                                           |                                              |              |
| 8 = medium, dense                                                                                                                                                            |                                              |              |
| 9 = tall, dense                                                                                                                                                              |                                              |              |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                              |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                              |              |

Appendix Table H-266. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-01, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1127       | 22.54 | 24       | 31P         | 151.64               | 50.00             | 45.56                 | 26.00              | 0.00                | 0.00             | 12.44               | 0.00                 | 0.00               | 0.00            | 26.00            | 76.00                         | 1                           | 15      | 0            | 3                               | 1         | 2.52               | NH          |                  |             |                              | 0.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1408       | 9.52  | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                           | 20      | 6            | 3                               | 1         | 3.76               | PS          |                  |             |                              | 9.52                    | 380.80                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1409       | 23.69 | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                           | 20      | 32           | 3                               | 1         | 3.81               | PS          |                  |             |                              | 23.69                   | 829.15                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1416       | 0.71  | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                           | 22      | 11           | 3                               | 1         | 3.32               | PS          |                  |             |                              | 0.71                    | 14.91                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1511       | 2.21  | 50       | 31          | 15.11                | 3.00              | 5.34                  | 4.00               | 9.50                | 15.00            | 3.09                | 0.00                 | 0.30               | 1.00            | 19.00            | 23.00                         | 1                           | 38      | 2            | 3                               | 1         | 3.96               | PS          |                  |             |                              | 2.21                    | 41.99                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1512       | 21.93 | 75       | 31          | 21.83                | 5.50              | 14.65                 | 10.50              | 10.68               | 16.50            | 2.29                | 6.24                 | 2.70               | 8.00            | 27.00            | 40.50                         | 1                           | 35      | 26           | 3                               | 1         | 4.00               | PS          |                  |             |                              | 21.93                   | 592.11                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1515       | 26.45 | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                           | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |             |                              | 26.45                   | 542.23                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1515       | 10.79 | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                           | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |             |                              | 10.79                   | 221.20                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1517       | 0.17  | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                           | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |             |                              | 0.17                    | 0.57                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O1517       | 1.29  | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                           | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |             |                              | 1.29                    | 4.30                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp428*      | 7.69  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 0.00                    | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp916*      | 16.42 | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 16.42                   | 0.00                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 143.41      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-267. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-01, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |        |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|--------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O1127       | 22.54  | 24       | 31P         | 151.64               | 50.00             | 45.56                 | 26.00              | 0.00                | 0.00             | 12.44               | 0.00                 | 0.00               | 0.00            | 26.00            | 76.00                         | 1                            | 15      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| O1408       | 9.52   | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 1                  |                  | 9.52        | 380.80                       |                         |                          |                     |
| O1409       | 23.69  | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                            | 20      | 32           | 3                               | 1         | 1                  |                  | 23.69       | 829.15                       |                         |                          |                     |
| O1416       | 0.71   | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                            | 22      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.71                     | 14.91               |
| O1511       | 2.21   | 50       | 31          | 15.11                | 3.00              | 5.34                  | 4.00               | 9.50                | 15.00            | 3.09                | 0.00                 | 0.30               | 1.00            | 19.00            | 23.00                         | 1                            | 38      | 2            | 3                               | 1         | 0                  |                  |             |                              |                         | 2.21                     | 41.99               |
| O1512       | 21.93  | 75       | 31          | 21.83                | 5.50              | 14.65                 | 10.50              | 10.68               | 16.50            | 2.29                | 6.24                 | 2.70               | 8.00            | 27.00            | 40.50                         | 1                            | 35      | 26           | 3                               | 1         | 0                  |                  |             |                              |                         | 21.93                    | 592.11              |
| O1515       | 26.45  | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              |                         | 26.45                    | 542.23              |
| O1515       | 10.79  | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 0                  |                  |             |                              |                         | 10.79                    | 221.20              |
| O1517       | 0.17   | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.17                     | 0.57                |
| O1517       | 1.29   | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 1.29                     | 4.30                |
| pp428*      | 7.69   | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp916*      | 16.42  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 16.42                    | 0.00                |
|             | 143.41 |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 33.21            | 1,209.95    | 0.00                         | 0.00                    | 79.97                    | 1,417.31            |

| REMOVALS       |             |                |                                       |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|---------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                          | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| O1511          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     |                                      |                                 | 0.97                             | 18.43                       |
| O1512          | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     |                                      |                                 | 0.10                             | 2.70                        |
| TOTAL REMOVALS |             |                |                                       | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 1.07                             | 21.13                       |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
| Suitable Habitat             | 33.21  | 1,209.95 |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 78.90  | 1,396.18 |
| TOTAL                        | 112.11 | 2,606.13 |

|                                                                                                                                                                              |                                              |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|
| Key:                                                                                                                                                                         | Type Burn:                                   | Stand Score  |
| BA= basal area                                                                                                                                                               | 0=no data available                          | 0=Unsuitable |
| dbh= diameter at breast height                                                                                                                                               | 1=non-growing season                         | 1=Suitable   |
| hwd= hardwood                                                                                                                                                                | 2=growing season                             |              |
| hgc= herbaceous ground cover                                                                                                                                                 |                                              |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                                 |              |
| 1 = low, sparse                                                                                                                                                              | 21P = Longleaf Pine Plantation               |              |
| 2 = low, moderate                                                                                                                                                            | 21PU = Longleaf Pine Plantation Underplanted |              |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf                     |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine                           |              |
| 5 = tall, sparse                                                                                                                                                             | 31P = Loblolly Pine Plantation               |              |
| 6 = medium, moderate                                                                                                                                                         | 31PU = Loblolly Pine Plantation Underplanted |              |
| 7 = tall, moderate                                                                                                                                                           |                                              |              |
| 8 = medium, dense                                                                                                                                                            |                                              |              |
| 9 = tall, dense                                                                                                                                                              |                                              |              |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                              |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                              |              |

Appendix Table H-268. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **015-01, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |                         |                         |                          |                     |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------------------|-------------------------|--------------------------|---------------------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable BA | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |          |
| O1127       | 22.54 | 24       | 31P         | 151.64               | 50.00             | 45.56                 | 26.00              | 0.00                | 0.00             | 12.44               | 0.00                 | 0.00               | 0.00            | 26.00            | 76.00                         | 1                            | 15      | 0            | 3                               | 1         | 2.52               | NH          |                  |                         |                         | 0.00                     | 0.00                |          |
| O1408       | 9.52  | 49       | 31          | 18.29                | 5.29              | 15.36                 | 11.18              | 17.95               | 28.82            | 5.95                | 1.61                 | 0.33               | 1.76            | 40.00            | 47.06                         | 1                            | 20      | 6            | 3                               | 1         | 3.76               | PS          |                  |                         |                         | 9.52                     | 380.80              |          |
| O1409       | 23.69 | 39       | 31          | 20.40                | 5.50              | 10.63                 | 7.50               | 18.26               | 27.50            | 26.22               | 11.86                | 1.62               | 10.50           | 35.00            | 51.00                         | 1                            | 20      | 32           | 3                               | 1         | 3.81               | PS          |                  |                         |                         | 23.69                    | 829.15              |          |
| O1416       | 0.71  | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                            | 22      | 11           | 3                               | 1         | 3.32               | PS          |                  |                         |                         | 0.71                     | 14.91               |          |
| O1511       | 2.21  | 50       | 31          | 15.11                | 3.00              | 5.34                  | 4.00               | 9.50                | 15.00            | 3.09                | 0.00                 | 0.30               | 1.00            | 19.00            | 23.00                         | 1                            | 38      | 2            | 3                               | 1         | 3.96               | PS          |                  |                         |                         | 2.21                     | 41.99               |          |
| O1512       | 21.93 | 75       | 31          | 21.83                | 5.50              | 14.65                 | 10.50              | 10.68               | 16.50            | 2.29                | 6.24                 | 2.70               | 8.00            | 27.00            | 40.50                         | 1                            | 35      | 26           | 3                               | 1         | 4.00               | PS          |                  |                         |                         | 21.93                    | 592.11              |          |
| O1515       | 26.45 | 63       | 21P         | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |                         |                         | 26.45                    | 542.23              |          |
| O1515       | 10.79 | 63       | 21PU        | 6.36                 | 2.50              | 10.34                 | 8.50               | 8.02                | 12.00            | 7.05                | 4.65                 | 2.87               | 8.50            | 20.50            | 31.50                         | 1                            | 14      | 29           | 3                               | 1         | 3.47               | PS          |                  |                         |                         | 10.79                    | 221.20              |          |
| O1517       | 0.17  | 26       | 31P         | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |                         |                         | 0.17                     | 0.57                |          |
| O1517       | 1.29  | 26       | 31PU        | 268.81               | 76.67             | 5.76                  | 3.33               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 3.33             | 80.00                         | 6                            | 10      | 0            | 3                               | 1         | 2.24               | NH          |                  |                         |                         | 1.29                     | 4.30                |          |
| pp428*      | 7.69  | 12       | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                         | 0.00                     | 0.00                |          |
| pp916*      | 16.42 | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                         |                         | 16.42                    | 0.00                |          |
| 143.41      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00                    | 0.00                    | 0.00                     | 113.18              | 2,627.26 |

| REMOVALS              |             |                |                                       |                          |                     |                                      |                                 |
|-----------------------|-------------|----------------|---------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                          | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O1511                 | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     | 0.97                                 | 18.43                           |
| O1512                 | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     | 0.10                                 | 2.70                            |
| <b>TOTAL REMOVALS</b> |             |                |                                       | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>                          | <b>0.00</b>                     |
|                       |             |                |                                       |                          |                     | <b>1.07</b>                          | <b>21.13</b>                    |

| POST-PROJECT                 |               |                 |
|------------------------------|---------------|-----------------|
| 2009                         |               |                 |
| Suitable Habitat             | Acres         | BA              |
| Potentially Suitable Habitat | 0.00          | 0.00            |
| Future Potential Habitat     | 112.11        | 2,606.13        |
| <b>TOTAL</b>                 | <b>112.11</b> | <b>2,606.13</b> |

| Key:                                                                                                                                                                         |                                              |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn:                                   | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available                          | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1= non-growing season                        | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2= growing season                            | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                                 |                          |
| 1 = low, sparse                                                                                                                                                              | 21P = Longleaf Pine Plantation               |                          |
| 2 = low, moderate                                                                                                                                                            | 21PU = Longleaf Pine Plantation Underplanted |                          |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf                     |                          |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine                           |                          |
| 5 = tall, sparse                                                                                                                                                             | 31P = Loblolly Pine Plantation               |                          |
| 6 = medium, moderate                                                                                                                                                         | 31PU = Loblolly Pine Plantation Underplanted |                          |
| 7 = tall, moderate                                                                                                                                                           |                                              |                          |
| 8 = medium, dense                                                                                                                                                            |                                              |                          |
| 9 = tall, dense                                                                                                                                                              |                                              |                          |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |                                              |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                              |                          |

Appendix Table H-269. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |          |  |      |  |      |  |       |  |          |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|----------|--|------|--|------|--|-------|--|----------|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |          |  |      |  |      |  |       |  |          |  |
| O1402       | 14.06 | 81       | 21          | 3.60                 | 1.00              | 6.57                  | 5.00               | 21.15               | 31.00            | 11.40               | 3.05                 | 3.10               | 7.00            | 36.00            | 44.00                         | 1                            | 20      | 18           | 3                               | 1         | 1                  | 14.06            | 506.16      |                              |                         |                          |                     |          |  |      |  |      |  |       |  |          |  |
| O1404       | 0.08  | 19       | NM          | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |          |  |      |  |      |  |       |  |          |  |
| O1407       | 16.77 | 64       | 31          | 40.81                | 12.50             | 9.94                  | 7.00               | 12.07               | 20.50            | 25.79               | 2.21                 | 2.86               | 6.00            | 27.50            | 46.00                         | 1                            | 20      | 19           | 3                               | 1         | 0                  |                  |             |                              |                         | 16.77                    | 461.18              |          |  |      |  |      |  |       |  |          |  |
| O1416       | 12.97 | 65       | 26          | 35.65                | 9.00              | 14.82                 | 10.50              | 7.33                | 10.50            | 5.15                | 1.61                 | 1.20               | 3.50            | 21.00            | 33.50                         | 7                            | 22      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 12.97                    | 272.37              |          |  |      |  |      |  |       |  |          |  |
| O1505       | 0.55  | 80       | 31          | 4.21                 | 1.00              | 16.16                 | 12.50              | 15.84               | 25.50            | 10.31               | 6.73                 | 2.85               | 9.50            | 38.00            | 48.50                         | 1                            | 29      | 23           | 3                               | 1         | 1                  | 0.55             | 20.90       |                              |                         |                          |                     |          |  |      |  |      |  |       |  |          |  |
| O1508       | 3.67  | 64       | 31          | 35.13                | 9.00              | 16.67                 | 12.50              | 16.77               | 23.00            | 2.55                | 0.00                 | 0.65               | 1.00            | 35.50            | 45.50                         | 1                            | 30      | 2            | 3                               | 1         | 1                  | 3.67             | 130.29      |                              |                         |                          |                     |          |  |      |  |      |  |       |  |          |  |
| O1510       | 53.49 | 75       | 21          | 17.79                | 5.00              | 9.59                  | 7.00               | 16.57               | 28.50            | 1.63                | 4.66                 | 4.07               | 9.00            | 35.50            | 49.50                         | 1                            | 15      | 25           | 3                               | 1         | 1                  | 53.49            | 1,898.90    |                              |                         |                          |                     |          |  |      |  |      |  |       |  |          |  |
| O1511       | 7.63  | 50       | 31          | 15.11                | 3.00              | 5.34                  | 4.00               | 9.50                | 15.00            | 3.09                | 0.00                 | 0.30               | 1.00            | 19.00            | 23.00                         | 1                            | 38      | 2            | 3                               | 1         | 0                  |                  |             |                              |                         | 7.63                     | 144.97              |          |  |      |  |      |  |       |  |          |  |
| O1512       | 34.51 | 75       | 31          | 21.83                | 5.50              | 14.65                 | 10.50              | 10.68               | 16.50            | 2.29                | 6.24                 | 2.70               | 8.00            | 27.00            | 40.50                         | 1                            | 35      | 26           | 3                               | 1         | 0                  |                  |             |                              |                         | 34.51                    | 931.77              |          |  |      |  |      |  |       |  |          |  |
| pp964*      | 0.32  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |          |  |      |  |      |  |       |  |          |  |
| 144.05      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         | 71.77                    |                     | 2,556.25 |  | 0.00 |  | 0.00 |  | 71.88 |  | 1,810.29 |  |

| REMOVALS       |             |                |                                         |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|-----------------------------------------|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                            |  |  |                          |                     |                                      |                                 |                                  |                             |
| O1505          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  | 0.47                     | 17.86               |                                      |                                 |                                  |                             |
| O1508          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  | 1.38                     | 48.99               |                                      |                                 |                                  |                             |
| O1510          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  | 3.38                     | 119.99              |                                      |                                 |                                  |                             |
| O1511          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  |                          |                     |                                      |                                 | 3.00                             | 57.00                       |
| O1512          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  |                          |                     |                                      |                                 | 1.61                             | 43.47                       |
| TOTAL REMOVALS |             |                |                                         |  |  | 5.23                     | 186.84              | 0.00                                 | 0.00                            | 4.61                             | 100.47                      |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
|                              | Acres  | BA       |      |
| Suitable Habitat             | 66.54  | 2,369.41 |      |
| Potentially Suitable Habitat | 0.00   | 0.00     |      |
| Future Potential Habitat     | 67.27  | 1,709.82 |      |
| TOTAL                        | 133.81 | 4,079.23 |      |

| Key:                                                                                                                                                                         |                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| BA= basal area                                                                                                                                                               | Type Burn                      | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |              |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 26 = Mixed Pine-Longleaf       |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                                                                                                                                                             | NM = not managed               |              |
| 6 = medium, moderate                                                                                                                                                         |                                |              |
| 7 = tall, moderate                                                                                                                                                           |                                |              |
| 8 = medium, dense                                                                                                                                                            |                                |              |
| 9 = tall, dense                                                                                                                                                              |                                |              |
| * Note: No pine data was taken for pine plantation stands less than 30 years old.                                                                                            |                                |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |              |

**O15-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| REMOVALS       |             | Project | Suitable Acreage                        | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential BA |
|----------------|-------------|---------|-----------------------------------------|----------------------|-------------------------|------------------|---------------------|
| Stand          | Fiscal Year | Number  | Removed                                 | Suitable BA Removed  | Acreage Removed         | Removed          | Acreage Removed     |
| O1505          | 2009        | 69741   | Training Area Infrastructure 19D/K OSUT |                      |                         | 0.47             | 17.86               |
| O1508          | 2009        | 69741   | Training Area Infrastructure 19D/K OSUT |                      |                         | 1.38             | 48.99               |
| O1510          | 2009        | 69741   | Training Area Infrastructure 19D/K OSUT |                      |                         | 3.38             | 119.99              |
| O1511          | 2009        | 69741   | Training Area Infrastructure 19D/K OSUT |                      |                         | 3.00             | 67.00               |
| O1512          | 2009        | 69741   | Training Area Infrastructure 19D/K OSUT |                      |                         | 1.61             | 43.47               |
| TOTAL REMOVALS |             |         | 0.00                                    | 0.00                 | 0.00                    | 0.00             | 287.31              |

\* **Note:** No pine data was taken for pine plantation stands less than 30 years old.

Appendix Table H-271. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-03; Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0114       | 0.14  | 42       | 22P         | 77.71                | 26.00             | 44.34                 | 28.00              | 3.82                | 5.00             | 1.43                | 1.59                 | 1.44               | 2.50            | 33.00            | 61.50                         | 2                            | 25      | 6            | 3                               | 1         | 0                  |                  |             | 0.14                         | 4.62                    |                          |                     |
| O0116       | 9.00  | 61       | 31          | 6.68                 | 2.00              | 9.18                  | 7.00               | 15.59               | 24.50            | 4.22                | 0.00                 | 0.28               | 1.00            | 31.50            | 34.50                         | 1                            | 37      | 1            | 3                               | 1         | 1                  |                  | 9.00        | 283.50                       |                         |                          |                     |
| O0123       | 1.09  | 86       | 31          | 7.65                 | 2.50              | 12.49                 | 9.00               | 21.91               | 38.00            | 4.56                | 2.44                 | 1.17               | 3.00            | 47.00            | 52.50                         | 1                            | 21      | 9            | 3                               | 1         | 1                  | 1.09             | 51.23       |                              |                         |                          |                     |
| O1504       | 6.74  | 80       | 31          | 11.64                | 2.50              | 5.12                  | 4.00               | 13.04               | 21.50            | 0.00                | 2.14                 | 1.88               | 5.00            | 25.50            | 33.00                         | 1                            | 33      | 18           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.74                     | 171.87              |
| O1505       | 46.60 | 80       | 31          | 4.21                 | 1.00              | 16.16                 | 12.50              | 15.84               | 25.50            | 10.31               | 6.73                 | 2.85               | 9.50            | 38.00            | 48.50                         | 1                            | 29      | 23           | 3                               | 1         | 1                  | 46.60            | 1,770.80    |                              |                         |                          |                     |
| O1506       | 3.37  | 85       | 31          | 14.39                | 4.21              | 14.27                 | 10.53              | 14.00               | 25.79            | 29.01               | 10.99                | 6.75               | 17.89           | 36.32            | 58.42                         | 2                            | 4       | 39           | 3                               | 1         | 1                  | 3.37             | 122.40      |                              |                         |                          |                     |
| O1510       | 7.85  | 75       | 21          | 17.79                | 5.00              | 9.59                  | 7.00               | 16.57               | 28.50            | 1.63                | 4.66                 | 4.07               | 9.00            | 35.50            | 49.50                         | 1                            | 15      | 25           | 3                               | 1         | 1                  | 7.85             | 278.68      |                              |                         |                          |                     |
| pp632*      | 3.88  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0.00                         | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| pp961*      | 10.57 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0.00                         | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 10.57                    | 0.00                |
| 89.24       |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 67.91            | 2,506.61    | 0.14                         | 4.62                    | 17.31                    | 171.87              |

| REMOVALS              |             |                |                                         |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
|-----------------------|-------------|----------------|-----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|--|
| Stand                 | Fiscal Year | Project Number | Project Name                            | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |  |
| O0116                 | 2009        | 69742          | Northern Training Area Infrastructure   | 1.69                     | 53.24               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| O0123                 | 2009        | 69742          | Northern Training Area Infrastructure   | 0.81                     | 38.07               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| O1504                 | 2009        | 69742          | Northern Training Area Infrastructure   |                          |                     |                                      |                                 | 1.77                             | 45.14                       |  |  |  |  |  |  |  |
| O1505                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 1.63                     | 61.94               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| O1506                 | 2009        | 69742          | Northern Training Area Infrastructure   | 0.33                     | 11.99               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| O1506                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 1.05                     | 38.14               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| O1510                 | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT | 2.11                     | 74.91               |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |
| <b>TOTAL REMOVALS</b> |             |                |                                         | <b>7.62</b>              | <b>278.29</b>       | <b>0.00</b>                          | <b>0.00</b>                     | <b>1.77</b>                      | <b>45.14</b>                |  |  |  |  |  |  |  |

| POST-PROJECT                 |       |          | 2009  |          |
|------------------------------|-------|----------|-------|----------|
| Suitable Habitat             | Acres | BA       | 60.29 | 2,228.32 |
| Potentially Suitable Habitat | 0.14  | 4.62     |       |          |
| Future Potential Habitat     | 15.54 | 126.73   |       |          |
| TOTAL                        | 75.97 | 2,359.67 |       |          |

| Key:                                                                                                                                                                         |                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| BA= basal area                                                                                                                                                               | Type Burn                      | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |              |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 22P = Slash Pine Plantation    |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                                                                                                                                                             |                                |              |
| 6 = medium, moderate                                                                                                                                                         |                                |              |
| 7 = tall, moderate                                                                                                                                                           |                                |              |
| 8 = medium, dense                                                                                                                                                            |                                |              |
| 9 = tall, dense                                                                                                                                                              |                                |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |              |

Appendix Table H-272. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-03, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0114       | 0.14  | 42       | 22P         | 77.71                | 26.00             | 44.34                 | 28.00              | 3.82                | 5.00             | 1.43                | 1.59                 | 1.44               | 2.50            | 33.00            | 61.50                         | 2                           | 25      | 6            | 3                               | 1         | 3.17               | PS          |                  |             |                              |                         | 0.14                     | 4.62                |
| O0116       | 9.00  | 61       | 31          | 6.68                 | 2.00              | 9.18                  | 7.00               | 15.59               | 24.50            | 4.22                | 0.00                 | 0.28               | 1.00            | 31.50            | 34.50                         | 1                           | 37      | 1            | 3                               | 1         | 4.49               | PS          |                  |             |                              |                         | 9.00                     | 283.50              |
| O0123       | 1.09  | 86       | 31          | 7.65                 | 2.50              | 12.49                 | 9.00               | 21.91               | 38.00            | 4.56                | 2.44                 | 1.17               | 3.00            | 47.00            | 52.50                         | 1                           | 21      | 9            | 3                               | 1         | 4.65               | CS          | 1.09             | 51.23       |                              |                         |                          |                     |
| O1504       | 6.74  | 80       | 31          | 11.64                | 2.50              | 5.12                  | 4.00               | 13.04               | 21.50            | 0.00                | 2.14                 | 1.88               | 5.00            | 25.50            | 33.00                         | 1                           | 33      | 18           | 3                               | 1         | 4.32               | PS          |                  |             |                              |                         | 6.74                     | 171.87              |
| O1505       | 46.60 | 80       | 31          | 4.21                 | 1.00              | 16.16                 | 12.50              | 15.84               | 25.50            | 10.31               | 6.73                 | 2.85               | 9.50            | 38.00            | 48.50                         | 1                           | 29      | 23           | 3                               | 1         | 4.25               | PS          |                  |             |                              |                         | 46.60                    | 1,770.80            |
| O1506       | 3.37  | 85       | 31          | 14.39                | 4.21              | 14.27                 | 10.53              | 14.00               | 25.79            | 29.01               | 10.99                | 6.75               | 17.89           | 36.32            | 58.42                         | 2                           | 4       | 39           | 3                               | 1         | 3.99               | PS          |                  |             |                              |                         | 3.37                     | 122.40              |
| O1510       | 7.85  | 75       | 21          | 17.79                | 5.00              | 9.59                  | 7.00               | 16.57               | 28.50            | 1.63                | 4.66                 | 4.07               | 9.00            | 35.50            | 49.50                         | 1                           | 15      | 25           | 3                               | 1         | 4.15               | PS          |                  |             |                              |                         | 7.85                     | 278.69              |
| pp632*      | 3.88  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| pp961*      | 10.57 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 10.57                    | 0.00                |
| 89.24       |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             | 1.09             | 51.23       | 0.00                         | 0.00                    | 84.27                    | 2,631.87            |

| REMOVALS       |             |                |                                         |  |  |  |      | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|-----------------------------------------|--|--|--|------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                            |  |  |  |      |                          |                     |                                      |                                 |                                  |                             |
| O0116          | 2009        | 69742          | Northern Training Area Infrastructure   |  |  |  |      |                          |                     |                                      |                                 | 1.69                             | 53.24                       |
| O0123          | 2009        | 69742          | Northern Training Area Infrastructure   |  |  |  | 0.81 |                          | 38.07               |                                      |                                 |                                  |                             |
| O1504          | 2009        | 69742          | Northern Training Area Infrastructure   |  |  |  |      |                          |                     |                                      |                                 | 1.77                             | 45.14                       |
| O1505          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  |  |      |                          |                     |                                      |                                 | 1.63                             | 61.94                       |
| O1506          | 2009        | 69742          | Northern Training Area Infrastructure   |  |  |  |      |                          |                     |                                      |                                 | 0.33                             | 11.99                       |
| O1506          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  |  |      |                          |                     |                                      |                                 | 1.05                             | 38.14                       |
| O1510          | 2009        | 69741          | Training Area Infrastructure 19D/K OSUT |  |  |  |      |                          |                     |                                      |                                 | 2.11                             | 74.91                       |
| TOTAL REMOVALS |             |                |                                         |  |  |  |      | 0.81                     | 38.07               | 0.00                                 | 0.00                            | 8.58                             | 285.36                      |

| POST-PROJECT                 |       |          | 2009 |
|------------------------------|-------|----------|------|
|                              | Acres | BA       |      |
| Suitable Habitat             | 0.28  | 13.16    |      |
| Potentially Suitable Habitat | 0.00  | 0.00     |      |
| Future Potential Habitat     | 75.69 | 2,346.51 |      |
| TOTAL                        | 75.97 | 2,359.67 |      |

| Key:                                                                                                                                                                         |                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn                      | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |                          |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                                                                                                               | 22P = Slash Pine Plantation    |                          |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse                                                                                                                                                             |                                |                          |
| 6 = medium, moderate                                                                                                                                                         |                                |                          |
| 7 = tall, moderate                                                                                                                                                           |                                |                          |
| 8 = medium, dense                                                                                                                                                            |                                |                          |
| 9 = tall, dense                                                                                                                                                              |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |                          |

Appendix Table H-273. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-03, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |                              |                         |                          |                     |        |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|------------------------------|-------------------------|--------------------------|---------------------|--------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |        |
| O0114       | 0.14  | 42       | 22P         | 77.71                | 26.00             | 44.34                 | 28.00              | 3.82                | 5.00             | 1.43                | 1.59                 | 1.44               | 2.50            | 33.00            | 61.50                         | 2                            | 25      | 6            | 3                               | 1         | 0                  |                  |                              | 0.14                    | 4.62                     |                     |        |
| O0116       | 9.00  | 61       | 31          | 6.68                 | 2.00              | 9.18                  | 7.00               | 15.59               | 24.50            | 4.22                | 0.00                 | 0.28               | 1.00            | 31.50            | 34.50                         | 1                            | 37      | 1            | 3                               | 1         | 1                  | 9.00             | 283.50                       |                         |                          |                     |        |
| O0123       | 1.09  | 86       | 31          | 7.65                 | 2.50              | 12.49                 | 9.00               | 21.91               | 38.00            | 4.56                | 2.44                 | 1.17               | 3.00            | 47.00            | 52.50                         | 1                            | 21      | 9            | 3                               | 1         | 1                  | 1.09             | 51.23                        |                         |                          |                     |        |
| O1504       | 6.74  | 80       | 31          | 11.64                | 2.50              | 5.12                  | 4.00               | 13.04               | 21.50            | 0.00                | 2.14                 | 1.88               | 5.00            | 25.50            | 33.00                         | 1                            | 33      | 18           | 3                               | 1         | 0                  |                  |                              |                         | 6.74                     | 171.87              |        |
| O1505       | 46.60 | 80       | 31          | 4.21                 | 1.00              | 16.16                 | 12.50              | 15.84               | 25.50            | 10.31               | 6.73                 | 2.85               | 9.50            | 38.00            | 48.50                         | 1                            | 29      | 23           | 3                               | 1         | 1                  | 46.60            | 1,770.80                     |                         |                          |                     |        |
| O1506       | 3.37  | 85       | 31          | 14.39                | 4.21              | 14.27                 | 10.53              | 14.00               | 25.79            | 29.01               | 10.99                | 6.75               | 17.89           | 36.32            | 58.42                         | 2                            | 4       | 39           | 3                               | 1         | 1                  | 3.37             | 122.40                       |                         |                          |                     |        |
| O1510       | 7.85  | 75       | 21          | 17.79                | 5.00              | 9.59                  | 7.00               | 16.57               | 28.50            | 1.63                | 4.66                 | 4.07               | 9.00            | 35.50            | 49.50                         | 1                            | 15      | 25           | 3                               | 1         | 1                  | 7.85             | 278.68                       |                         |                          |                     |        |
| pp632*      | 3.88  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0.00                         | 0       | 0            | 0                               | 0         | 0                  |                  |                              |                         | 0.00                     | 0.00                |        |
| pp961*      | 10.57 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0.00                         | 0       | 0            | 0                               | 0         | 0                  |                  |                              |                         | 10.57                    | 0.00                |        |
|             | 89.24 |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 67.91            | 2,506.61                     | 0.14                    | 4.62                     | 17.31               | 171.87 |

| REMOVALS       |             |                |                                       |  |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|---------------------------------------|--|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                          |  |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| O0116          | 2009        | 69742          | Northern Training Area Infrastructure |  |  |  |  | 1.69                     | 53.24               |                                      |                                 |                                  |                             |
| O0123          | 2009        | 69742          | Northern Training Area Infrastructure |  |  |  |  | 0.81                     | 38.07               |                                      |                                 |                                  |                             |
| O1504          | 2009        | 69742          | Northern Training Area Infrastructure |  |  |  |  |                          |                     |                                      |                                 | 1.77                             | 45.14                       |
| O1506          | 2009        | 69742          | Northern Training Area Infrastructure |  |  |  |  | 0.33                     | 11.99               |                                      |                                 |                                  |                             |
| TOTAL REMOVALS |             |                |                                       |  |  |  |  | 2.83                     | 103.30              | 0.00                                 | 0.00                            | 1.77                             | 45.14                       |

| POST-PROJECT                 |       |          | 2009 |
|------------------------------|-------|----------|------|
|                              | Acres | BA       |      |
| Suitable Habitat             | 65.08 | 2,403.31 |      |
| Potentially Suitable Habitat | 0.14  | 4.62     |      |
| Future Potential Habitat     | 15.54 | 126.73   |      |
| TOTAL                        | 80.76 | 2,534.66 |      |

|                                                                                                                                                                              |                                |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| <b>Key:</b>                                                                                                                                                                  |                                |              |
| BA= basal area                                                                                                                                                               | Type Burn:                     | Stand Score  |
| dbh= diameter at breast height                                                                                                                                               | 0=no data available            | 0=Unsuitable |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season           | 1=Suitable   |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season               |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |              |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |              |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |              |
| 3 = low, dense                                                                                                                                                               | 22P = Slash Pine Plantation    |              |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |              |
| 5 = tall, sparse                                                                                                                                                             |                                |              |
| 6 = medium, moderate                                                                                                                                                         |                                |              |
| 7 = tall, moderate                                                                                                                                                           |                                |              |
| 8 = medium, dense                                                                                                                                                            |                                |              |
| 9 = tall, dense                                                                                                                                                              |                                |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |              |

Appendix Table H-274. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **O15-03, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|---------------------|-------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height | Hwd Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| O0114       | 0.14  | 42       | 22P         | 77.71                | 26.00             | 44.34                 | 28.00              | 3.82                | 5.00             | 1.43                | 1.59                 | 1.44               | 2.50            | 33.00            | 61.50                         | 2                   | 25          | 6       | 3            | 1                               | 3.17      | PS                 |             |                  |             |                              | 0.14                    | 4.62                     |                     |
| O0116       | 9.00  | 61       | 31          | 6.68                 | 2.00              | 9.18                  | 7.00               | 15.59               | 24.50            | 4.22                | 0.00                 | 0.28               | 1.00            | 31.50            | 34.50                         | 1                   | 37          | 1       | 3            | 1                               | 4.49      | PS                 |             |                  |             |                              | 9.00                    | 283.50                   |                     |
| O0123       | 1.09  | 86       | 31          | 7.65                 | 2.50              | 12.49                 | 9.00               | 21.91               | 38.00            | 4.56                | 2.44                 | 1.17               | 3.00            | 47.00            | 52.50                         | 1                   | 21          | 9       | 3            | 1                               | 4.65      | CS                 |             | 1.09             | 51.23       |                              |                         |                          |                     |
| O1504       | 6.74  | 80       | 31          | 11.64                | 2.50              | 5.12                  | 4.00               | 13.04               | 21.50            | 0.00                | 2.14                 | 1.88               | 5.00            | 25.50            | 33.00                         | 1                   | 33          | 18      | 3            | 1                               | 4.32      | PS                 |             |                  |             |                              | 6.74                    | 171.87                   |                     |
| O1505       | 46.60 | 80       | 31          | 4.21                 | 1.00              | 16.16                 | 12.50              | 15.84               | 25.50            | 10.31               | 6.73                 | 2.85               | 9.50            | 38.00            | 48.50                         | 1                   | 29          | 23      | 3            | 1                               | 4.25      | PS                 |             |                  |             |                              | 46.60                   | 1,770.80                 |                     |
| O1506       | 3.37  | 85       | 31          | 14.39                | 4.21              | 14.27                 | 10.53              | 14.00               | 25.79            | 29.01               | 10.99                | 6.75               | 17.89           | 36.32            | 58.42                         | 2                   | 4           | 39      | 3            | 1                               | 3.99      | PS                 |             |                  |             |                              | 3.37                    | 122.40                   |                     |
| O1510       | 7.85  | 75       | 21          | 17.79                | 5.00              | 9.59                  | 7.00               | 16.57               | 28.50            | 1.63                | 4.66                 | 4.07               | 9.00            | 35.50            | 49.50                         | 1                   | 15          | 25      | 3            | 1                               | 4.15      | PS                 |             |                  |             |                              | 7.85                    | 278.68                   |                     |
| pp632*      | 3.88  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0       | 0            | 0                               | 1.91      | NH                 |             |                  |             |                              | 0.00                    | 0.00                     |                     |
| pp961*      | 10.57 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0       | 0            | 0                               | 1.91      | NH                 |             |                  |             |                              | 10.57                   | 0.00                     |                     |
|             | 89.24 |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |         |              |                                 |           |                    |             | 1.09             | 51.23       | 0.00                         | 0.00                    | 84.27                    | 2,631.87            |

| REMOVALS |             |                |                                       |                          |                     |                                      |                                 |
|----------|-------------|----------------|---------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand    | Fiscal Year | Project Number | Project Name                          | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| O0116    | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     |                                      | 1.69                            |
| O0123    | 2009        | 69742          | Northern Training Area Infrastructure | 0.81                     | 38.07               |                                      | 53.24                           |
| O1504    | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     |                                      | 1.77                            |
| O1506    | 2009        | 69742          | Northern Training Area Infrastructure |                          |                     |                                      | 45.14                           |
|          |             |                |                                       |                          |                     |                                      | 0.33                            |
|          |             |                |                                       |                          |                     |                                      | 11.99                           |
|          |             |                |                                       |                          |                     |                                      | 3.79                            |
|          |             |                |                                       |                          |                     |                                      | 110.37                          |

| POST-PROJECT                 |       |          |
|------------------------------|-------|----------|
|                              | 2009  |          |
|                              | Acres | BA       |
| Suitable Habitat             | 0.28  | 13.16    |
| Potentially Suitable Habitat | 0.00  | 0.00     |
| Future Potential Habitat     | 80.48 | 2,521.50 |
| TOTAL                        | 80.76 | 2,534.66 |

| Key:                                                                                                                                                                         |                                |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn:                     | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0= no data available           | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1= non-growing season          | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2= growing season              | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |                          |
| 1 = low, sparse                                                                                                                                                              | 21 = Longleaf Pine             |                          |
| 2 = low, moderate                                                                                                                                                            | 21P = Longleaf Pine Plantation |                          |
| 3 = low, dense                                                                                                                                                               | 22P = Slash Pine Plantation    |                          |
| 4 = medium, sparse                                                                                                                                                           | 31 = Loblolly Pine             |                          |
| 5 = tall, sparse                                                                                                                                                             |                                |                          |
| 6 = medium, moderate                                                                                                                                                         |                                |                          |
| 7 = tall, moderate                                                                                                                                                           |                                |                          |
| 8 = medium, dense                                                                                                                                                            |                                |                          |
| 9 = tall, dense                                                                                                                                                              |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |                          |

Appendix Table H-275. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                      |                     |                 |                  |                               |                             |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|----------------------|---------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| A0911       | 14.89 | 92       | 31          | 13.28                | 2.50              | 3.39                  | 3.00               | 15.95               | 27.00            | 4.96                 | 3.01                 | 1.99                | 5.50            | 30.00            | 38.00                         | 6                           | 33      | 21           | 3                               | 1         | 0                  |                  |             | 14.89                        | 446.70                  |                          |                     |
| pp249*      | 2.11  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                 | 0.00                | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.11                     | 0.00                |
| Q0120       | 3.32  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24                | 23.76                | 17.88               | 44.29           | 20.00            | 72.86                         | 1                           | 17      | 70           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0122       | 12.73 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                 | 0.94                | 2.00            | 50.50            | 58.50                         | 6                           | 32      | 4            | 3                               | 1         | 0                  |                  |             | 12.73                        | 642.87                  |                          |                     |
| Q0122       | 1.98  | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                 | 0.94                | 2.00            | 50.50            | 58.50                         | 6                           | 32      | 4            | 3                               | 1         | 0                  |                  |             | 1.98                         | 99.99                   |                          |                     |
| Q0125       | 11.61 | 55       | 10          | 10.14                | 4.00              | 20.44                 | 15.50              | 15.70               | 23.00            | 21.00                | 5.43                 | 4.48                | 10.50           | 38.50            | 53.00                         | 3                           | 20      | 22           | 3                               | 1         | 1                  | 11.61            | 446.99      |                              |                         |                          |                     |
| Q0228       | 51.27 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26                | 3.71                 | 0.00                | 2.50            | 37.50            | 43.50                         | 2                           | 16      | 14           | 3                               | 1         | 1                  | 51.27            | 1,922.63    |                              |                         |                          |                     |
| Q0229       | 4.42  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20                | 0.00                 | 6.06                | 12.00           | 24.00            | 40.00                         | 7                           | 28      | 40           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.42                     | 106.08              |
| Q0243       | 42.93 | 60       | 31          | 25.66                | 5.50              | 2.48                  | 1.50               | 15.02               | 30.50            | 7.72                 | 4.44                 | 0.88                | 4.50            | 32.00            | 42.00                         | 8                           | 32      | 23           | 3                               | 1         | 0                  |                  |             | 42.93                        | 1,373.76                |                          |                     |
| Q0244       | 18.52 | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82                | 9.47                 | 0.97                | 7.00            | 48.00            | 82.50                         | 5                           | 28      | 19           | 3                               | 1         | 0                  |                  |             | 18.52                        | 888.96                  |                          |                     |
| Q0251       | 0.26  | 56       | 31          | 41.14                | 11.50             | 31.18                 | 21.50              | 5.80                | 9.50             | 16.63                | 0.72                 | 0.75                | 1.50            | 31.00            | 44.00                         | 2                           | 31      | 4            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| 164.04      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                      |                     |                 |                  |                               |                             |         |              |                                 |           |                    | 62.88            | 2,369.62    | 91.05                        | 3,452.28                | 6.53                     | 106.08              |

| REMOVALS       |             |                |                               |                          |                     |                                      |
|----------------|-------------|----------------|-------------------------------|--------------------------|---------------------|--------------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed |
| A0911          | 2009        | 69358          | Range Access Road - Good Hope |                          |                     | 1.28                                 |
| Q0125          | 2009        | 69358          | Range Access Road - Good Hope | 1.11                     | 42.74               |                                      |
| Q0243          | 2009        | 69358          | Range Access Road - Good Hope |                          |                     | 1.27                                 |
| TOTAL REMOVALS |             |                |                               | 1.11                     | 42.74               | 2.55                                 |
|                |             |                |                               |                          |                     | 40.64                                |
|                |             |                |                               |                          |                     | 79.04                                |
|                |             |                |                               |                          |                     | 0.00                                 |
|                |             |                |                               |                          |                     | 0.00                                 |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
| Suitable Habitat             | Acres  | BA       |
| Potentially Suitable Habitat | 61.77  | 2,326.88 |
| Future Potential Habitat     | 88.50  | 3,373.24 |
| TOTAL                        | 150.27 | 5,700.12 |

|                                                                                                                                                                              |                                                  |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------|
| Key:                                                                                                                                                                         | Type Burn                                        | Stand Score  |
| BA = basal area                                                                                                                                                              | 0=no data available                              | 0=Unsuitable |
| dbh = diameter at breast height                                                                                                                                              | 1=non-growing season                             | 1=Suitable   |
| hwd = hardwood                                                                                                                                                               | 2=growing season                                 |              |
| hgc = herbaceous ground cover                                                                                                                                                |                                                  |              |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                                     |              |
| 1 = low, sparse                                                                                                                                                              | 10 = Yellow Pine-Upland Hardwood                 |              |
| 2 = low, moderate                                                                                                                                                            | 13 = Loblolly Pine-Hardwood                      |              |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation                   |              |
| 4 = medium, sparse                                                                                                                                                           | 25 = Mixed Pine                                  |              |
| 5 = tall, sparse                                                                                                                                                             | 31 = Loblolly Pine                               |              |
| 6 = medium, moderate                                                                                                                                                         | 31U = Loblolly Pine Underplanted                 |              |
| 7 = tall, moderate                                                                                                                                                           | 42** = Upland Hardwood-Yellow Pine (not managed) |              |
| 8 = medium, dense                                                                                                                                                            |                                                  |              |
| 9 = tall, dense                                                                                                                                                              |                                                  |              |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                                  |              |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                                  |              |

Appendix Table H-276. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-02, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| A0911       | 14.89 | 92       | 31          | 13.28                | 2.50              | 3.39                  | 3.00               | 15.95               | 27.00            | 4.96                | 3.01                 | 1.99               | 5.50            | 30.00            | 38.00                         | 6                            | 33      | 21           | 3                               | 1         | 4.14               | PS          |                  |             |                              |                         | 14.89                    | 446.70              |
| pp249*      | 2.11  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.11                     | 0.00                |
| Q0120       | 3.32  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24               | 23.76                | 17.88              | 44.29           | 20.00            | 72.86                         | 1                            | 17      | 70           | 3                               | 1         | 3.34               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0122       | 12.73 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42                 | 0.94               | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 4.24               | PS          |                  |             |                              |                         | 12.73                    | 642.87              |
| Q0122       | 1.98  | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42                 | 0.94               | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 4.24               | PS          |                  |             |                              |                         | 1.98                     | 99.99               |
| Q0125       | 11.61 | 55       | 10          | 10.14                | 4.00              | 20.44                 | 15.50              | 15.70               | 23.00            | 21.00               | 5.43                 | 4.48               | 10.50           | 38.50            | 53.00                         | 3                            | 20      | 22           | 3                               | 1         | 4.08               | PS          |                  |             |                              |                         | 11.61                    | 446.99              |
| Q0229       | 51.27 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26               | 3.71                 | 0.00               | 2.50            | 37.50            | 43.50                         | 2                            | 16      | 14           | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 51.27                    | 1,922.63            |
| Q0229       | 4.42  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20               | 0.00                 | 6.06               | 12.00           | 24.00            | 40.00                         | 7                            | 28      | 40           | 3                               | 1         | 3.46               | PS          |                  |             |                              |                         | 4.42                     | 106.08              |
| Q0243       | 42.93 | 60       | 31          | 25.66                | 5.50              | 2.48                  | 1.50               | 15.02               | 30.50            | 7.72                | 4.44                 | 0.88               | 4.50            | 32.00            | 42.00                         | 8                            | 32      | 23           | 3                               | 1         | 3.95               | PS          |                  |             |                              |                         | 42.93                    | 1,373.76            |
| Q0244       | 18.52 | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82               | 9.47                 | 0.97               | 7.00            | 48.00            | 82.50                         | 5                            | 28      | 19           | 3                               | 1         | 4.03               | PS          |                  |             |                              |                         | 18.52                    | 888.96              |
| Q0251       | 0.26  | 56       | 31          | 41.14                | 11.50             | 31.18                 | 21.50              | 5.80                | 9.50             | 16.63               | 0.72                 | 0.75               | 1.50            | 31.00            | 44.00                         | 2                            | 31      | 4            | 3                               | 1         | 3.56               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| 164.04      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 160.46                   | 5,927.98            |

| REMOVALS       |             |                |                               |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|-------------------------------|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                  |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| A0911          | 2009        | 69358          | Range Access Road - Good Hope |  |  |  |                          |                     |                                      |                                 | 1.28                             | 38.40                       |
| Q0125          | 2009        | 69358          | Range Access Road - Good Hope |  |  |  |                          |                     |                                      |                                 | 1.11                             | 42.74                       |
| Q0243          | 2009        | 69358          | Range Access Road - Good Hope |  |  |  |                          |                     |                                      |                                 | 1.27                             | 40.64                       |
| TOTAL REMOVALS |             |                |                               |  |  |  | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 3.66                             | 121.78                      |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       |      |
| Potentially Suitable Habitat | 0.00   | 0.00     |      |
| Future Potential Habitat     | 156.80 | 5,806.20 |      |
| TOTAL                        | 156.80 | 5,806.20 |      |

| KEY:                                                                                                                                                                         |                                    |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | Type Burn                          | Suitability              |
| dbh= diameter at breast height                                                                                                                                               | 0= no data available               | CS= currently suitable   |
| hwd= hardwood                                                                                                                                                                | 1=non-growing season               | PS= potentially suitable |
| hgc= herbaceous ground cover                                                                                                                                                 | 2=growing season                   | NH= non-habitat          |
| Hardwood Midstory:                                                                                                                                                           |                                    |                          |
| 1 = low, sparse                                                                                                                                                              | 10 = Yellow Pine-Upland Hardwood   |                          |
| 2 = low, moderate                                                                                                                                                            | 11 = Loblolly Pine-Hardwood        |                          |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation     |                          |
| 4 = medium, sparse                                                                                                                                                           | 25 = Mixed Pine                    |                          |
| 5 = tall, sparse                                                                                                                                                             | 31 = Loblolly Pine                 |                          |
| 6 = medium, moderate                                                                                                                                                         | 31U = Loblolly Pine Underplanted   |                          |
| 7 = tall, moderate                                                                                                                                                           | 42** = Upland Hardwood-Yellow Pine |                          |
| 8 = medium, dense                                                                                                                                                            | (not managed)                      |                          |
| 9 = tall, dense                                                                                                                                                              |                                    |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                    |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                    |                          |

Appendix Table H-277. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-02, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| A0911       | 14.89 | 92       | 31          | 13.28                | 2.50              | 3.39                  | 3.00               | 15.95               | 27.00            | 4.96                | 3.01                 | 1.99               | 5.50            | 30.00            | 38.00                         | 6                            | 33      | 21           | 3                               | 1         | 0                  |                  |             | 14.89                        | 446.70                  |                          |                     |
| pp249*      | 2.11  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.11                     | 0.00                |
| Q0120       | 3.32  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24               | 23.76                | 17.88              | 44.29           | 20.00            | 72.86                         | 1                            | 17      | 70           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0122       | 12.73 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42                 | 0.94               | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 0                  |                  |             | 12.73                        | 642.87                  |                          |                     |
| Q0122       | 1.98  | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42                 | 0.94               | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 0                  |                  |             | 1.98                         | 99.99                   |                          |                     |
| Q0125       | 11.61 | 55       | 10          | 10.14                | 4.00              | 20.44                 | 15.50              | 15.70               | 23.00            | 21.00               | 5.43                 | 4.48               | 10.50           | 38.50            | 53.00                         | 3                            | 20      | 22           | 3                               | 1         | 1                  | 11.61            | 446.99      |                              |                         |                          |                     |
| Q0228       | 51.27 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26               | 3.71                 | 0.00               | 2.50            | 37.50            | 43.50                         | 2                            | 16      | 14           | 3                               | 1         | 1                  | 51.27            | 1,922.63    |                              |                         |                          |                     |
| Q0229       | 4.42  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20               | 0.00                 | 6.06               | 12.00           | 24.00            | 40.00                         | 7                            | 28      | 40           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.42                     | 106.08              |
| Q0243       | 42.93 | 60       | 31          | 25.66                | 5.50              | 2.48                  | 1.50               | 15.02               | 30.50            | 7.72                | 4.44                 | 0.88               | 4.50            | 32.00            | 42.00                         | 8                            | 32      | 23           | 3                               | 1         | 0                  |                  |             | 42.93                        | 1,373.76                |                          |                     |
| Q0244       | 18.52 | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82               | 9.47                 | 0.97               | 7.00            | 48.00            | 82.50                         | 5                            | 28      | 19           | 3                               | 1         | 0                  |                  |             | 18.52                        | 888.96                  |                          |                     |
| Q0251       | 0.26  | 56       | 31          | 41.14                | 11.50             | 31.18                 | 21.50              | 5.80                | 9.50             | 16.63               | 0.72                 | 0.75               | 1.50            | 31.00            | 44.00                         | 2                            | 31      | 4            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| 164.04      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 62.88            | 2,369.62    | 91.05                        | 3,452.28                | 6.53                     | 106.08              |

| REMOVALS       |      |                |                                                                      |                          |                     |                                      |                                 |                                  |                             |
|----------------|------|----------------|----------------------------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Year | Project Number | Project Name                                                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| A0911          | 2009 | 69358          | Range Access Road - Good Hope                                        |                          |                     | 1.28                                 | 38.40                           |                                  |                             |
| pp249*         | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails |                          |                     |                                      |                                 | 1.81                             | 0.00                        |
| Q0122          | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             |                          |                     | 6.45                                 | 325.73                          |                                  |                             |
| Q0125          | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             | 4.17                     | 160.55              |                                      |                                 |                                  |                             |
| Q0125          | 2009 | 69358          | Range Access Road - Good Hope                                        | 1.11                     | 42.74               |                                      |                                 |                                  |                             |
| Q0228          | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails | 12.00                    | 450.00              |                                      |                                 |                                  |                             |
| Q0243          | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails |                          |                     | 19.68                                | 629.76                          |                                  |                             |
| Q0243          | 2009 | 69358          | Range Access Road - Good Hope                                        |                          |                     | 1.27                                 | 40.64                           |                                  |                             |
| Q0244          | 2009 | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             |                          |                     | 4.24                                 | 203.52                          |                                  |                             |
| TOTAL REMOVALS |      |                |                                                                      | 17.28                    | 653.29              | 32.92                                | 1,238.05                        | 1.81                             | 0.00                        |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       |      |
| Potentially Suitable Habitat | 45.60  | 1,716.33 |      |
| Future Potential Habitat     | 58.13  | 2,214.23 |      |
| TOTAL                        | 4.72   | 106.08   |      |
|                              | 106.45 | 4,036.64 |      |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn:  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
13 = Loblolly Pine-Hardwood  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
31 = Loblolly Pine  
31U = Loblolly Pine Underplanted  
42\*\* = Upland Hardwood-Yellow Pine (not managed)

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-278. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-02, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                  |                      |                   |                    |                  |                               |                |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |      |        |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|------------------|----------------------|-------------------|--------------------|------------------|-------------------------------|----------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|------|--------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd BA 4-10" dbh | Hwd Stems 10-14" dbh | Hwd BA 10-14" dbh | Hwd Stems >14" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |      |        |          |
| A0911       | 14.89 | 92       | 31          | 13.28                | 2.50              | 3.39                  | 3.00               | 15.95               | 27.00            | 4.96                | 3.01             | 1.99                 | 5.50              | 30.00              | 38.00            | 6                             | 33             | 21      | 3            | 1                               | 4.14      | PS                 |             |                  |             |                              |                         | 14.89                    | 446.70              |      |        |          |
| pp249*      | 2.11  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00             | 0.00                 | 0.00              | 0.00               | 0.00             | 0.00                          | 0              | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 2.11                    | 0.00                     |                     |      |        |          |
| Q0120       | 3.32  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24               | 23.76            | 17.88                | 44.29             | 20.00              | 72.86            | 1                             | 17             | 70      | 3            | 1                               | 3.34      | PS                 |             |                  |             |                              |                         | 0.00                     | 0.00                |      |        |          |
| Q0122       | 12.73 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42             | 0.94                 | 2.00              | 50.50              | 58.50            | 6                             | 32             | 4       | 3            | 1                               | 4.24      | PS                 |             |                  |             |                              |                         | 12.73                    | 642.87              |      |        |          |
| Q0122       | 1.98  | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06               | 1.42             | 0.94                 | 2.00              | 50.50              | 58.50            | 6                             | 32             | 4       | 3            | 1                               | 4.24      | PS                 |             |                  |             |                              |                         | 1.98                     | 99.99               |      |        |          |
| Q0125       | 11.61 | 55       | 10          | 10.14                | 4.00              | 20.44                 | 15.50              | 15.70               | 23.00            | 21.00               | 5.43             | 4.48                 | 10.50             | 38.50              | 53.00            | 3                             | 20             | 22      | 3            | 1                               | 4.08      | PS                 |             |                  |             |                              |                         | 11.61                    | 446.99              |      |        |          |
| Q0228       | 51.27 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26               | 3.71             | 0.00                 | 2.50              | 37.50              | 43.50            | 2                             | 16             | 14      | 3            | 1                               | 4.28      | PS                 |             |                  |             |                              |                         | 51.27                    | 1,922.63            |      |        |          |
| Q0229       | 4.42  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20               | 0.00             | 6.06                 | 12.00             | 24.00              | 40.00            | 7                             | 28             | 40      | 3            | 1                               | 3.46      | PS                 |             |                  |             |                              |                         | 4.42                     | 106.08              |      |        |          |
| Q0243       | 42.93 | 60       | 31          | 25.66                | 5.50              | 2.48                  | 1.50               | 15.02               | 30.50            | 7.72                | 4.44             | 0.88                 | 4.50              | 32.00              | 42.00            | 8                             | 32             | 23      | 3            | 1                               | 3.95      | PS                 |             |                  |             |                              |                         | 42.93                    | 1,373.76            |      |        |          |
| Q0244       | 18.52 | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82               | 9.47             | 0.97                 | 7.00              | 48.00              | 82.50            | 5                             | 28             | 19      | 3            | 1                               | 4.03      | PS                 |             |                  |             |                              |                         | 18.52                    | 888.96              |      |        |          |
| Q0251       | 0.26  | 56       | 31          | 41.14                | 11.50             | 31.18                 | 21.50              | 5.80                | 9.50             | 16.63               | 0.72             | 0.75                 | 1.50              | 31.00              | 44.00            | 2                             | 31             | 4       | 3            | 1                               | 3.56      | PS                 |             |                  |             |                              |                         | 0.00                     | 0.00                |      |        |          |
| 164.04      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                  |                      |                   |                    |                  |                               |                |         |              |                                 |           |                    |             |                  |             |                              | 0.00                    | 0.00                     | 0.00                | 0.00 | 160.46 | 5,927.98 |

| REMOVALS       |             |                |                                                                      |  |  |  |  | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
|----------------|-------------|----------------|----------------------------------------------------------------------|--|--|--|--|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                                         |  |  |  |  |                          |                     |                                      |                                 |                                  |                             |
| A0911          | 2009        | 69358          | Range Access Road - Good Hope                                        |  |  |  |  |                          |                     |                                      |                                 | 1.28                             | 38.40                       |
| pp249*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails |  |  |  |  |                          |                     |                                      |                                 | 1.81                             | 0.00                        |
| Q0122          | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             |  |  |  |  |                          |                     |                                      |                                 | 6.45                             | 325.73                      |
| Q0125          | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             |  |  |  |  |                          |                     |                                      |                                 | 4.17                             | 160.55                      |
| Q0125          | 2009        | 69358          | Range Access Road - Good Hope                                        |  |  |  |  |                          |                     |                                      |                                 | 1.11                             | 42.74                       |
| Q0228          | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails |  |  |  |  |                          |                     |                                      |                                 | 12.00                            | 450.00                      |
| Q0243          | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Upgrade and Construct Tank Trails |  |  |  |  |                          |                     |                                      |                                 | 19.68                            | 629.76                      |
| Q0243          | 2009        | 69358          | Range Access Road - Good Hope                                        |  |  |  |  |                          |                     |                                      |                                 | 1.27                             | 40.64                       |
| Q0244          | 2009        | 69741          | Alternate 19D/K OSUT Training Area-Construct Tank Trails             |  |  |  |  |                          |                     |                                      |                                 | 4.24                             | 203.52                      |
| TOTAL REMOVALS |             |                |                                                                      |  |  |  |  | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 52.01                            | 1,891.34                    |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       | 0.00 |
| Potentially Suitable Habitat | 0.00   | 0.00     | 0.00 |
| Future Potential Habitat     | 108.45 | 4,036.64 |      |
| TOTAL                        | 108.45 | 4,036.64 |      |

| Key:                           |                                                  |                          |
|--------------------------------|--------------------------------------------------|--------------------------|
| BA= basal area                 | Type Burn:                                       | Suitability              |
| dbh= diameter at breast height | 0= no data available                             | CS= currently suitable   |
| hwd= hardwood                  | 1= non-growing season                            | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season                                | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                                     |                          |
| 1 = low, sparse                | 10 = Yellow Pine-Upland Hardwood                 |                          |
| 2 = low, moderate              | 11 = Loblolly Pine-Hardwood                      |                          |
| 3 = low, dense                 | 21P = Longleaf Pine Plantation                   |                          |
| 4 = medium, sparse             | 25 = Mixed Pine                                  |                          |
| 5 = tall, sparse               | 31 = Loblolly Pine                               |                          |
| 6 = medium, moderate           | 31U = Loblolly Pine Underplanted                 |                          |
| 7 = tall, moderate             | 42** = Upland Hardwood-Yellow Pine (not managed) |                          |
| 8 = medium, dense              |                                                  |                          |
| 9 = tall, dense                |                                                  |                          |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-279. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-01, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                     |                  |             |                              |                         |                          |                     |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|---------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand. Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |
| EE0235      | 4.44  | 48       | 31          | 14.17                | 4.50              | 32.15                 | 24.00              | 20.70               | 31.50            | 3.79                 | 0.00                  | 1.17                | 2.00            | 55.50            | 62.00                         | 1                             | 34      | 2             | 3                               | 1         | 1                   | 4.44             | 246.42      |                              |                         |                          |                     |  |
| pp1023*     | 1.69  | 0        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                   |                  |             |                              |                         | 1.69                     | 0.00                |  |
| pp248*      | 2.74  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                   |                  |             |                              |                         | 2.74                     | 0.00                |  |
| pp27*       | 0.65  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                   |                  |             |                              |                         | 0.00                     | 0.00                |  |
| pp30*       | 0.41  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                   |                  |             |                              |                         | 0.41                     | 0.00                |  |
| pp32*       | 9.43  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                   |                  |             |                              |                         | 9.43                     | 0.00                |  |
| Q0113       | 25.58 | 48       | 31          | 14.25                | 5.50              | 24.68                 | 18.50              | 25.09               | 35.00            | 17.31                | 1.47                  | 1.41                | 2.50            | 53.50            | 61.50                         | 6                             | 50      | 5             | 3                               | 1         | 0                   |                  |             | 25.58                        | 1,368.53                |                          |                     |  |
| Q0113       | 12.30 | 48       | 31U         | 14.25                | 5.50              | 24.68                 | 18.50              | 25.09               | 35.00            | 17.31                | 1.47                  | 1.41                | 2.50            | 53.50            | 61.50                         | 6                             | 50      | 5             | 3                               | 1         | 0                   |                  |             | 12.30                        | 658.05                  |                          |                     |  |
| Q0116       | 7.19  | 48       | 31          | 15.53                | 6.25              | 43.00                 | 31.25              | 21.43               | 31.25            | 7.05                 | 1.34                  | 0.00                | 1.25            | 62.50            | 70.00                         | 2                             | 21      | 2             | 3                               | 1         | 1                   | 7.19             | 449.38      |                              |                         |                          |                     |  |
| Q0120       | 1.27  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24                | 23.76                 | 17.88               | 44.29           | 20.00            | 72.86                         | 1                             | 17      | 70            | 3                               | 1         | 0                   |                  |             |                              |                         | 0.00                     | 0.00                |  |
| Q0122       | 30.61 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                  | 0.94                | 2.00            | 50.50            | 58.50                         | 6                             | 32      | 4             | 3                               | 1         | 0                   |                  |             | 30.61                        | 1,545.81                |                          |                     |  |
| Q0122       | 10.58 | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                  | 0.94                | 2.00            | 50.50            | 58.50                         | 6                             | 32      | 4             | 3                               | 1         | 0                   |                  |             | 10.58                        | 534.29                  |                          |                     |  |
| Q0206       | 32.44 | 61       | 31          | 39.68                | 13.00             | 31.11                 | 21.50              | 13.97               | 18.50            | 2.46                 | 0.00                  | 0.54                | 1.00            | 40.00            | 54.00                         | 2                             | 36      | 1             | 3                               | 1         | 1                   | 32.44            | 1,297.60    |                              |                         |                          |                     |  |
| Q0211       | 16.36 | 109      | 42**        | 8.52                 | 2.00              | 11.06                 | 9.00               | 18.50               | 33.50            | 19.22                | 11.57                 | 5.00                | 16.00           | 42.50            | 60.50                         | 5                             | 31      | 36            | 3                               | 1         | 0                   |                  |             |                              |                         | 0.00                     | 0.00                |  |
| Q0211       | 0.06  | 109      | 42U**       | 8.52                 | 2.00              | 11.06                 | 9.00               | 18.50               | 33.50            | 19.22                | 11.57                 | 5.00                | 16.00           | 42.50            | 60.50                         | 5                             | 31      | 36            | 3                               | 1         | 0                   |                  |             |                              |                         | 0.00                     | 0.00                |  |
| Q0221       | 60.92 | 124      | 25          | 32.84                | 9.50              | 31.25                 | 21.50              | 11.86               | 16.00            | 0.00                 | 3.04                  | 0.25                | 2.50            | 37.50            | 49.50                         | 4                             | 34      | 7             | 3                               | 1         | 0                   |                  |             | 60.92                        | 2,284.50                |                          |                     |  |
| Q0222       | 4.07  | 117      | 13          | 0.00                 | 0.00              | 15.30                 | 10.00              | 9.50                | 15.00            | 21.30                | 0.00                  | 1.30                | 2.50            | 25.00            | 27.50                         | 5                             | 33      | 5             | 3                               | 1         | 0                   |                  |             |                              |                         | 4.07                     | 101.75              |  |
| Q0228       | 36.94 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26                | 3.71                  | 0.00                | 2.50            | 37.50            | 43.50                         | 2                             | 16      | 14            | 3                               | 1         | 1                   | 36.94            | 1,385.25    |                              |                         |                          |                     |  |
| Q0229       | 0.21  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20                | 0.00                  | 6.06                | 12.00           | 24.00            | 40.00                         | 7                             | 28      | 40            | 3                               | 1         | 0                   |                  |             |                              |                         | 0.21                     | 5.04                |  |
| Q0231       | 1.49  | 124      | 32          | 23.46                | 5.71              | 9.24                  | 7.14               | 8.98                | 12.86            | 19.98                | 1.98                  | 4.21                | 7.14            | 20.00            | 32.86                         | 2                             | 27      | 25            | 3                               | 1         | 0                   |                  |             |                              |                         | 1.49                     | 29.80               |  |
| Q0234       | 1.12  | 117      | 25          | 17.99                | 5.56              | 15.54                 | 11.11              | 14.78               | 22.22            | 7.71                 | 0.00                  | 0.91                | 1.11            | 33.33            | 40.00                         | 2                             | 39      | 3             | 3                               | 1         | 1                   | 0.00             | 0.00        |                              |                         |                          |                     |  |
| Q0236       | 0.89  | 57       | 32          | 45.21                | 11.11             | 16.45                 | 12.22              | 13.81               | 18.89            | 0.00                 | 0.00                  | 0.00                | 31.11           | 42.22            | 2                             | 34                            | 0       | 3             | 1                               | 1         | 0.89                | 27.69            |             |                              |                         |                          |                     |  |
| Q0244       | 0.19  | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82                | 9.47                  | 0.97                | 7.00            | 48.00            | 82.50                         | 5                             | 28      | 19            | 3                               | 1         | 0                   |                  |             | 0.00                         | 0.00                    |                          |                     |  |
| 261.58      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                               |         |               |                                 |           |                     | 81.90            | 3,406.34    | 139.99                       | 6,391.18                | 20.04                    | 136.59              |  |

| REMOVALS       |             |                |                                    |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                       | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| EE0235         | 2009        | 69741          | Alternate 19D/K OSUT Training Area | 1.43                     | 79.37               |                                      |                                 |                                  |                             |
| pp1023*        | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 1.21                             | 0.00                        |
| pp248*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 2.31                             | 0.00                        |
| pp30*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 0.37                             | 0.00                        |
| pp32*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 6.54                             | 0.00                        |
| Q0113          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     | 20.60                                | 1,102.10                        |                                  |                             |
| Q0116          | 2009        | 69741          | Alternate 19D/K OSUT Training Area | 3.36                     | 210.00              |                                      |                                 |                                  |                             |
| Q0122          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     | 18.41                                | 929.71                          |                                  |                             |
| Q0206          | 2009        | 69741          | Alternate 19D/K OSUT Training Area | 11.02                    | 440.80              | 13.86                                | 519.75                          |                                  |                             |
| Q0221          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 2.51                             | 62.75                       |
| Q0222          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 |                                  |                             |
| Q0228          | 2009        | 69741          | Alternate 19D/K OSUT Training Area | 10.29                    | 385.88              |                                      |                                 |                                  |                             |
| Q0231          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 0.68                             | 13.60                       |
| Q0236          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 |                                  |                             |
| TOTAL REMOVALS |             |                |                                    | 26.79                    | 1,137.52            | 52.87                                | 2,551.56                        | 13.62                            | 76.35                       |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
| Suitable Habitat             | Acres  | BA       |
| Potentially Suitable Habitat | 55.11  | 2,268.82 |
| Future Potential Habitat     | 87.12  | 3,839.62 |
| TOTAL                        | 6.42   | 60.24    |
|                              | 148.65 | 6,168.68 |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn:  
0=no data available  
1=non-growing season  
2=growing season

Forest Type:  
13 = Loblolly Pine-Hardwood  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
31 = Loblolly Pine  
31U = Loblolly Pine Underplanted  
32 = Shortleaf Pine  
42\*\* = Upland Hardwood-Yellow Pine  
42U\*\* = Upland Hardwood-Yellow Pine Underplanted

\*Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-280. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-03, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA |
| EE0235      | 4.44  | 48       | 31          | 14.17                | 4.50              | 32.15                 | 24.00              | 20.70               | 31.50            | 3.79                 | 0.00                  | 1.17                | 2.00            | 55.50            | 62.00                         | 1                            | 34      | 2            | 3                               | 1         | 4.47               | PS          |                  |             |                              |                         |
| pp1023*     | 1.69  | 0        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         |
| pp248*      | 2.74  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         |
| pp27*       | 0.65  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         |
| pp30*       | 0.41  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         |
| pp32*       | 9.43  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         |
| Q0113       | 25.58 | 48       | 31          | 14.25                | 5.50              | 24.68                 | 18.50              | 25.09               | 35.00            | 17.31                | 1.47                  | 1.41                | 2.50            | 53.50            | 61.50                         | 6                            | 50      | 5            | 3                               | 1         | 4.34               | PS          |                  |             |                              |                         |
| Q0113       | 12.30 | 48       | 31U         | 14.25                | 5.50              | 24.68                 | 18.50              | 25.09               | 35.00            | 17.31                | 1.47                  | 1.41                | 2.50            | 53.50            | 61.50                         | 6                            | 50      | 5            | 3                               | 1         | 4.34               | PS          |                  |             |                              |                         |
| Q0116       | 7.19  | 48       | 31          | 15.53                | 6.25              | 43.00                 | 31.25              | 21.43               | 31.25            | 7.05                 | 1.34                  | 0.00                | 1.25            | 62.50            | 70.00                         | 2                            | 21      | 2            | 3                               | 1         | 4.37               | PS          |                  |             |                              |                         |
| Q0120       | 1.27  | 55       | 42**        | 26.46                | 8.57              | 7.99                  | 5.71               | 9.55                | 14.29            | 39.24                | 23.76                 | 17.88               | 44.29           | 20.00            | 72.86                         | 1                            | 17      | 70           | 3                               | 1         | 3.34               | PS          |                  |             |                              |                         |
| Q0122       | 30.61 | 48       | 31          | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                  | 0.94                | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 4.24               | PS          |                  |             |                              |                         |
| Q0122       | 10.58 | 48       | 31U         | 14.55                | 6.00              | 40.24                 | 27.50              | 18.09               | 23.00            | 12.06                | 1.42                  | 0.94                | 2.00            | 50.50            | 58.50                         | 6                            | 32      | 4            | 3                               | 1         | 4.24               | PS          |                  |             |                              |                         |
| Q0206       | 32.44 | 61       | 31          | 39.68                | 13.00             | 31.11                 | 21.50              | 13.97               | 18.50            | 2.46                 | 0.00                  | 0.54                | 1.00            | 40.00            | 54.00                         | 2                            | 36      | 1            | 3                               | 1         | 4.39               | PS          |                  |             |                              |                         |
| Q0211       | 16.36 | 109      | 42**        | 8.52                 | 2.00              | 11.06                 | 9.00               | 18.50               | 33.50            | 19.22                | 11.57                 | 5.00                | 16.00           | 42.50            | 60.50                         | 5                            | 31      | 36           | 3                               | 1         | 4.27               | PS          |                  |             |                              |                         |
| Q0211       | 0.06  | 109      | 42U**       | 8.52                 | 2.00              | 11.06                 | 9.00               | 18.50               | 33.50            | 19.22                | 11.57                 | 5.00                | 16.00           | 42.50            | 60.50                         | 5                            | 31      | 36           | 3                               | 1         | 4.27               | PS          |                  |             |                              |                         |
| Q0221       | 60.92 | 124      | 25          | 32.84                | 9.50              | 31.25                 | 21.50              | 11.86               | 16.00            | 0.00                 | 3.04                  | 0.25                | 2.50            | 37.50            | 49.50                         | 4                            | 34      | 7            | 3                               | 1         | 4.11               | PS          |                  |             |                              |                         |
| Q0222       | 4.07  | 117      | 13          | 0.00                 | 0.00              | 15.30                 | 10.00              | 9.50                | 15.00            | 21.30                | 0.00                  | 1.30                | 2.50            | 25.00            | 27.50                         | 5                            | 33      | 5            | 3                               | 1         | 3.92               | PS          |                  |             |                              |                         |
| Q0228       | 36.94 | 108      | 31          | 11.39                | 3.50              | 6.99                  | 4.50               | 15.54               | 33.00            | 17.26                | 3.71                  | 0.00                | 2.50            | 37.50            | 43.50                         | 2                            | 16      | 14           | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         |
| Q0229       | 0.21  | 50       | 13          | 17.90                | 4.00              | 0.00                  | 0.00               | 9.15                | 24.00            | 15.20                | 0.00                  | 6.06                | 12.00           | 24.00            | 40.00                         | 7                            | 28      | 40           | 3                               | 1         | 3.46               | PS          |                  |             |                              |                         |
| Q0231       | 1.49  | 124      | 32          | 23.46                | 5.71              | 9.24                  | 7.14               | 8.98                | 12.86            | 19.98                | 1.98                  | 4.21                | 7.14            | 20.00            | 32.86                         | 2                            | 27      | 25           | 3                               | 1         | 3.35               | PS          |                  |             |                              |                         |
| Q0234       | 1.12  | 117      | 25          | 17.99                | 5.56              | 15.54                 | 11.11              | 14.78               | 22.22            | 7.71                 | 0.00                  | 0.91                | 1.11            | 33.33            | 40.00                         | 2                            | 39      | 3            | 3                               | 1         | 4.54               | PS          |                  |             |                              |                         |
| Q0236       | 0.89  | 57       | 32          | 45.21                | 11.11             | 16.45                 | 12.22              | 13.81               | 18.89            | 0.00                 | 0.00                  | 0.00                | 0.00            | 31.11            | 42.22                         | 2                            | 34      | 0            | 3                               | 1         | 4.14               | PS          |                  |             |                              |                         |
| Q0244       | 0.19  | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82                | 9.47                  | 0.97                | 7.00            | 48.00            | 82.50                         | 5                            | 28      | 19           | 3                               | 1         | 4.03               | PS          |                  |             |                              |                         |
| 261.58      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    |

| REMOVALS       |             |                |                                    |                          |                     |                                      |                                 |                                  |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|-------------|----------------|------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand          | Fiscal Year | Project Number | Project Name                       | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0235         | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 1.43                             | 79.37                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp1023*        | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 1.21                             | 0.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp248*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 2.31                             | 0.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp30*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 0.37                             | 0.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp32*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 6.54                             | 0.00                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0113          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 20.60                            | 1,102.10                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0116          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 3.36                             | 210.00                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0122          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 18.41                            | 929.71                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0206          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 11.02                            | 440.80                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0221          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 13.86                            | 519.75                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0222          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 2.51                             | 62.75                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0228          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 10.29                            | 385.88                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0231          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 0.68                             | 13.60                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q0236          | 2009        | 69741          | Alternate 19D/K OSUT Training Area |                          |                     |                                      |                                 | 0.69                             | 21.47                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL REMOVALS |             |                |                                    | 0.00                     | 0.00                | 0.00                                 | 0.00                            | 93.28                            | 3,765.43                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| POST-PROJECT                 |        |          | 2009 |      |
|------------------------------|--------|----------|------|------|
| Suitable Habitat             | Acres  | BA       | 0.00 | 0.00 |
| Potentially Suitable Habitat | 0.00   | 0.00     |      |      |
| Future Potential Habitat     | 148.65 | 6,168.68 |      |      |
| TOTAL                        | 148.65 | 6,168.68 |      |      |

| Key:                                                                                                                                            |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| BA= basal area                                                                                                                                  | Type Burn:                       |
| dbh= diameter at breast height                                                                                                                  | 0=no data available              |
| hwd= hardwood                                                                                                                                   | 1= non-growing season            |
| hgc= herbaceous ground cover                                                                                                                    | 2= growing season                |
| Hardwood Midstory:                                                                                                                              | Forest Type:                     |
| 1 = low, sparse                                                                                                                                 | 13 = Loblolly Pine-Hardwood      |
| 2 = low, moderate                                                                                                                               | 21P = Longleaf Pine Plantation   |
| 3 = low, dense                                                                                                                                  | 25 = Mixed Pine                  |
| 4 = medium, sparse                                                                                                                              | 31 = Loblolly Pine               |
| 5 = tall, sparse                                                                                                                                | 31U = Loblolly Pine Underplanted |
| 6 = medium, moderate                                                                                                                            | 32 = Shortleaf Pine              |
| 7 = tall, moderate                                                                                                                              | 42** = Upland Hardwood-Yellow Pi |
| 8 = medium, dense                                                                                                                               | 42U** = Upland Hardwood-Yellow   |
| 9 = tall, dense                                                                                                                                 |                                  |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                           |                                  |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan counted towards the total foraging habitat available within the partition. |                                  |

Appendix Table H-281. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-04F, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT |        |          |             |                      |                    |                       |                     |                     |                  |                       |                        |                      |                  |                   |                               |                               |         |               |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|--------|----------|-------------|----------------------|--------------------|-----------------------|---------------------|---------------------|------------------|-----------------------|------------------------|----------------------|------------------|-------------------|-------------------------------|-------------------------------|---------|---------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres  | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10-14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4- 10" dbh | Hwd. Stems 10- 14" dbh | Hwd. Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd. Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp22*       | 13.55  | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0.00                          | 0.00    | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 13.55                    | 0.00                |
| pp23*       | 3.48   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 3.48                     | 0.00                |
| pp24*       | 2.55   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 2.55                     | 0.00                |
| pp25*       | 1.91   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 1.91                     | 0.00                |
| pp26*       | 5.18   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 5.18                     | 0.00                |
| pp27*       | 3.52   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 3.52                     | 0.00                |
| pp28*       | 3.08   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 3.08                     | 0.00                |
| pp29*       | 7.63   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 7.63                     | 0.00                |
| pp30*       | 1.44   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 1.44                     | 0.00                |
| pp31*       | 1.30   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 1.30                     | 0.00                |
| pp37*       | 2.54   | 8        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 2.54                     | 0.00                |
| pp985*      | 19.67  | 1        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 19.67                    | 0.00                |
| pp986*      | 8.22   | 1        | 21P         | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 0                               | 0         | 0                  | 0                |             |                              |                         | 8.22                     | 0.00                |
| Q0231       | 5.43   | 124      | 32          | 23.46                | 5.71               | 9.24                  | 7.14                | 8.98                | 12.86            | 19.98                 | 1.98                   | 4.21                 | 7.14             | 20.00             | 32.86                         | 2                             | 27      | 25            | 3                               | 1         | 0                  |                  |             |                              |                         | 5.43                     | 108.60              |
| Q0234       | 7.39   | 117      | 25          | 17.99                | 5.56               | 15.54                 | 11.11               | 14.78               | 22.22            | 7.71                  | 0.00                   | 0.91                 | 1.11             | 33.33             | 40.00                         | 2                             | 39      | 3             | 3                               | 1         | 1                  | 7.39             | 246.31      |                              |                         |                          |                     |
| Q0236       | 3.47   | 57       | 32          | 45.21                | 11.11              | 16.45                 | 12.22               | 13.81               | 18.89            | 0.00                  | 0.00                   | 0.00                 | 0.00             | 31.11             | 42.22                         | 2                             | 34      | 0             | 3                               | 1         | 1                  | 3.47             | 107.95      |                              |                         |                          |                     |
| Q0238       | 11.45  | 48       | 31          | 43.75                | 12.00              | 23.68                 | 18.00               | 20.08               | 27.50            | 5.05                  | 1.02                   | 0.43                 | 1.50             | 45.50             | 59.00                         | 4                             | 32      | 3             | 3                               | 1         | 0                  |                  |             | 11.45                        | 520.98                  |                          |                     |
| Q0244       | 16.35  | 50       | 25          | 110.58               | 27.50              | 24.26                 | 18.50               | 20.92               | 29.50            | 28.82                 | 9.47                   | 0.97                 | 7.00             | 48.00             | 82.50                         | 5                             | 28      | 19            | 3                               | 1         | 0                  |                  |             | 16.35                        | 784.80                  |                          |                     |
| Q0245       | 1.07   | 19       | NM          | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0251       | 11.70  | 56       | 31          | 41.14                | 11.50              | 31.18                 | 21.50               | 5.80                | 9.50             | 16.63                 | 0.72                   | 0.75                 | 1.50             | 31.00             | 44.00                         | 2                             | 31      | 4             | 3                               | 1         | 1                  | 11.70            | 362.70      |                              |                         |                          |                     |
| Q0252       | 2.81   | 19       | NM          | 0.00                 | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0             | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0253       | 1.68   | 106      | 11          | 24.19                | 4.44               | 4.31                  | 3.53                | 15.44               | 26.67            | 6.22                  | 0.00                   | 0.96                 | 2.22             | 30.00             | 36.67                         | 1                             | 22      | 5             | 3                               | 1         | 1                  | 1.68             | 50.40       |                              |                         |                          |                     |
| Q0256       | 39.90  | 49       | 31          | 51.64                | 14.00              | 25.38                 | 18.00               | 12.82               | 17.00            | 4.01                  | 0.00                   | 0.00                 | 0.00             | 35.00             | 49.00                         | 2                             | 28      | 0             | 3                               | 1         | 1                  | 39.90            | 1,396.50    |                              |                         |                          |                     |
| Q0259       | 1.80   | 56       | 31          | 22.63                | 7.14               | 26.89                 | 18.57               | 10.13               | 15.71            | 6.01                  | 2.02                   | 1.63                 | 4.29             | 34.29             | 45.71                         | 1                             | 29      | 9             | 3                               | 1         | 1                  | 1.80             | 61.72       |                              |                         |                          |                     |
| Q0266       | 18.36  | 106      | 31          | 19.10                | 5.50               | 21.68                 | 16.50               | 15.54               | 25.50            | 13.53                 | 2.51                   | 2.56                 | 5.00             | 42.00             | 52.50                         | 2                             | 34      | 12            | 3                               | 1         | 1                  | 18.36            | 771.12      |                              |                         |                          |                     |
| Q0302       | 8.62   | 109      | 31          | 88.62                | 26.00              | 31.55                 | 21.00               | 10.45               | 17.00            | 25.08                 | 4.71                   | 1.62                 | 6.00             | 38.00             | 70.00                         | 2                             | 14      | 13            | 3                               | 1         | 0                  |                  |             | 8.62                         | 327.56                  |                          |                     |
| Q0330       | 6.56   | 41       | 25          | 3.86                 | 1.67               | 25.59                 | 18.33               | 10.96               | 15.00            | 24.03                 | 2.57                   | 0.87                 | 5.00             | 33.33             | 40.00                         | 2                             | 18      | 9             | 3                               | 1         | 1                  | 6.56             | 218.64      |                              |                         |                          |                     |
| Q0332       | 8.21   | 58       | 31          | 73.65                | 20.00              | 16.10                 | 12.50               | 14.64               | 22.50            | 55.37                 | 16.06                  | 1.39                 | 13.75            | 35.00             | 68.75                         | 5                             | 10      | 36            | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |
| Q0333       | 4.74   | 58       | 31          | 19.22                | 6.00               | 20.57                 | 15.00               | 29.72               | 41.00            | 22.60                 | 6.62                   | 1.39                 | 6.00             | 56.00             | 68.00                         | 2                             | 19      | 14            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| Q0403       | 5.25   | 85       | 13          | 15.34                | 2.86               | 1.65                  | 1.43                | 15.53               | 35.71            | 47.38                 | 6.23                   | 9.19                 | 18.57            | 37.14             | 58.57                         | 7                             | 3       | 47            | 3                               | 1         | 0                  |                  |             | 5.25                         | 194.99                  |                          |                     |
| Q0404       | 3.91   | 85       | 13          | 16.95                | 2.50               | 9.79                  | 7.50                | 17.37               | 42.50            | 32.32                 | 2.75                   | 2.49                 | 7.50             | 50.00             | 60.00                         | 7                             | 15      | 16            | 3                               | 1         | 0                  |                  |             | 3.91                         | 195.50                  |                          |                     |
|             | 232.77 |          |             |                      |                    |                       |                     |                     |                  |                       |                        |                      |                  |                   |                               |                               |         |               |                                 |           |                    | 90.86            | 3,215.34    | 45.58                        | 2,023.83                | 79.50                    | 108.60              |

| REMOVALS       |             |                |                                        |                          |                     |                                      |                                 |
|----------------|-------------|----------------|----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                           | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| pp37*          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      |                                 |
| Q0266          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      |                                 |
| Q0403          | 2009        | 69668          | Good Hope Training Area Infrastructure | 2.16                     | 90.72               |                                      |                                 |
| Q0403          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |                          |                     | 2.02                                 | 75.02                           |
| Q0404          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     | 3.23                                 | 119.96                          |
| Q0404          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     | 1.00                                 | 50.00                           |
| Q0404          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |                          |                     | 2.91                                 | 145.50                          |
| TOTAL REMOVALS |             |                |                                        | 2.16                     | 90.72               | 9.16                                 | 390.48                          |
|                |             |                |                                        |                          |                     | 0.17                                 | 0.00                            |

| POST-PROJECT                 |        |          | 2009 |  |
|------------------------------|--------|----------|------|--|
| Suitable Habitat             | Acres  | BA       |      |  |
| Potentially Suitable Habitat | 88.70  | 3,124.62 |      |  |
| Future Potential Habitat     | 36.42  | 1,633.35 |      |  |
| TOTAL                        | 79.33  | 108.60   |      |  |
|                              | 204.45 | 4,866.57 |      |  |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
11 = Longleaf Pine-Hardwood  
13 = Loblolly Pine-Hardwood  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
31 = Loblolly Pine  
32 = Shortleaf Pine  
NM = not managed

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-282. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-04R, Alternative A** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp22*       | 13.55 | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 13.55                    | 0.00                |
| pp23*       | 3.48  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.48                     | 0.00                |
| pp24*       | 2.55  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.55                     | 0.00                |
| pp25*       | 1.91  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.91                     | 0.00                |
| pp26*       | 5.18  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 5.18                     | 0.00                |
| pp27*       | 3.52  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.52                     | 0.00                |
| pp28*       | 3.08  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 3.08                     | 0.00                |
| pp29*       | 7.63  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 7.63                     | 0.00                |
| pp30*       | 1.44  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.44                     | 0.00                |
| pp31*       | 1.30  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.30                     | 0.00                |
| pp37*       | 2.54  | 8        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 2.54                     | 0.00                |
| pp985*      | 19.67 | 1        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 19.67                    | 0.00                |
| pp986*      | 8.22  | 1        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 8.22                     | 0.00                |
| Q0231       | 5.43  | 124      | 32          | 23.46                | 5.71               | 9.24                   | 7.14               | 8.98                | 12.86            | 19.98                | 1.98                  | 4.21                | 7.14             | 20.00             | 32.86                         | 2                           | 27      | 25           | 3                               | 1         | 3.35               | PS          |                  |             |                              |                         | 5.43                     | 108.60              |
| Q0234       | 7.39  | 117      | 25          | 17.99                | 5.56               | 15.54                  | 11.11              | 14.78               | 22.22            | 7.71                 | 0.00                  | 0.91                | 1.11             | 33.33             | 40.00                         | 2                           | 39      | 3            | 3                               | 1         | 4.54               | CS          |                  |             |                              |                         | 7.39                     | 246.31              |
| Q0236       | 3.47  | 57       | 32          | 45.21                | 11.11              | 16.45                  | 12.22              | 13.81               | 18.89            | 0.00                 | 0.00                  | 0.00                | 0.00             | 31.11             | 42.22                         | 2                           | 34      | 0            | 3                               | 1         | 4.14               | PS          |                  |             |                              |                         | 3.47                     | 107.95              |
| Q0238       | 11.45 | 48       | 31          | 43.75                | 12.00              | 23.68                  | 18.00              | 20.08               | 27.50            | 5.05                 | 1.02                  | 0.43                | 1.50             | 45.50             | 59.00                         | 4                           | 32      | 3            | 3                               | 1         | 4.28               | PS          |                  |             |                              |                         | 11.45                    | 520.98              |
| Q0244       | 16.35 | 50       | 25          | 110.58               | 27.50              | 24.25                  | 18.50              | 20.92               | 29.50            | 28.82                | 9.47                  | 0.97                | 7.00             | 48.00             | 82.50                         | 5                           | 28      | 19           | 3                               | 1         | 4.03               | PS          |                  |             |                              |                         | 16.35                    | 784.80              |
| Q0245       | 1.07  | 19       | NM          | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 2.06               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0251       | 11.70 | 56       | 31          | 41.14                | 11.50              | 31.18                  | 21.50              | 5.80                | 9.50             | 16.63                | 0.72                  | 0.75                | 1.50             | 31.00             | 44.00                         | 2                           | 31      | 4            | 3                               | 1         | 3.56               | PS          |                  |             |                              |                         | 11.70                    | 362.70              |
| Q0252       | 2.81  | 19       | NM          | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 2.06               | NH          |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0253       | 1.68  | 106      | 11          | 24.19                | 4.44               | 4.31                   | 3.33               | 15.44               | 26.67            | 6.22                 | 0.00                  | 0.96                | 2.22             | 30.00             | 36.67                         | 1                           | 22      | 5            | 3                               | 1         | 4.38               | PS          |                  |             |                              |                         | 1.68                     | 50.40               |
| Q0256       | 39.90 | 49       | 31          | 51.64                | 14.00              | 25.38                  | 18.00              | 12.82               | 17.00            | 4.01                 | 0.00                  | 0.00                | 0.00             | 35.00             | 49.00                         | 2                           | 28      | 0            | 3                               | 1         | 3.80               | PS          |                  |             |                              |                         | 39.90                    | 1,396.50            |
| Q0259       | 1.90  | 56       | 31          | 22.63                | 7.14               | 26.89                  | 18.57              | 10.13               | 15.71            | 6.01                 | 2.02                  | 1.63                | 4.29             | 34.29             | 45.71                         | 1                           | 29      | 9            | 3                               | 1         | 4.00               | PS          |                  |             |                              |                         | 1.90                     | 61.72               |
| Q0268       | 18.36 | 106      | 31          | 19.10                | 5.50               | 21.68                  | 16.50              | 15.54               | 25.50            | 13.53                | 2.51                  | 2.66                | 5.00             | 42.00             | 52.50                         | 2                           | 34      | 12           | 3                               | 1         | 4.53               | CS          |                  |             |                              |                         | 18.36                    | 771.12              |
| Q0302       | 8.62  | 109      | 31          | 88.62                | 26.00              | 31.55                  | 21.00              | 10.45               | 17.00            | 25.08                | 4.71                  | 1.62                | 6.00             | 38.00             | 70.00                         | 2                           | 14      | 13           | 3                               | 1         | 3.86               | PS          |                  |             |                              |                         | 8.62                     | 327.56              |
| Q0330       | 6.56  | 41       | 25          | 3.86                 | 1.67               | 25.59                  | 18.33              | 10.96               | 15.00            | 24.03                | 2.57                  | 0.87                | 5.00             | 33.33             | 40.00                         | 2                           | 18      | 9            | 3                               | 1         | 3.77               | PS          |                  |             |                              |                         | 6.56                     | 218.64              |
| Q0332       | 8.21  | 58       | 31          | 73.65                | 20.00              | 16.10                  | 12.50              | 14.64               | 22.50            | 55.37                | 16.06                 | 1.39                | 13.75            | 35.00             | 68.75                         | 5                           | 10      | 36           | 3                               | 1         | 3.62               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0333       | 4.74  | 58       | 31          | 19.22                | 6.00               | 20.57                  | 15.00              | 29.72               | 41.00            | 22.60                | 6.62                  | 1.39                | 6.00             | 56.00             | 68.00                         | 2                           | 19      | 14           | 3                               | 1         | 4.34               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| Q0403       | 5.25  | 85       | 13          | 15.34                | 2.86               | 1.65                   | 1.43               | 15.53               | 35.71            | 47.38                | 6.23                  | 9.19                | 18.57            | 37.14             | 58.57                         | 7                           | 3       | 47           | 3                               | 1         | 3.65               | PS          |                  |             |                              |                         | 5.25                     | 194.99              |
| Q0404       | 9.91  | 85       | 13          | 16.95                | 2.50               | 9.79                   | 7.50               | 17.37               | 42.50            | 32.32                | 2.75                  | 2.49                | 7.50             | 50.00             | 60.00                         | 7                           | 15      | 16           | 3                               | 1         | 3.93               | PS          |                  |             |                              |                         | 9.91                     | 195.50              |
| 232.77      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             | 0.00             | 0.00        | 0.00                         | 0.00                    | 215.94                   | 5,347.77            |

| REMOVALS       |             |                |                                        |         |  |                     |  |                 |  | Suitable Acreage |  | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential |
|----------------|-------------|----------------|----------------------------------------|---------|--|---------------------|--|-----------------|--|------------------|--|----------------------|-------------------------|------------------|------------------|
| Stand          | Fiscal Year | Project Number | Project Name                           | Removed |  | Suitable BA Removed |  | Acreage Removed |  | Removed          |  | Acreage Removed      |                         | Acreage Removed  |                  |
| pp37           | 2009        | 69668          | Good Hope Training Area Infrastructure |         |  |                     |  |                 |  |                  |  |                      |                         | 0.17             | 0.00             |
| Q0266          | 2009        | 69668          | Good Hope Training Area Infrastructure |         |  |                     |  |                 |  |                  |  |                      |                         | 2.16             | 90.72            |
| Q0403          | 2009        | 69668          | Good Hope Training Area Infrastructure |         |  |                     |  |                 |  |                  |  |                      |                         | 2.02             | 75.02            |
| Q0403          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |         |  |                     |  |                 |  |                  |  |                      |                         | 3.23             | 119.96           |
| Q0404          | 2009        | 69668          | Good Hope Training Area Infrastructure |         |  |                     |  |                 |  |                  |  |                      |                         | 1.00             | 50.00            |
| Q0404          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |         |  |                     |  |                 |  |                  |  |                      |                         | 2.91             | 145.50           |
| TOTAL REMOVALS |             |                |                                        | 0.00    |  | 0.00                |  | 0.00            |  | 0.00             |  | 0.00                 |                         | 11.49            | 481.20           |

| POST-PROJECT                 |       |    | 2009   |
|------------------------------|-------|----|--------|
| Suitable Habitat             | Acres | BA | 0.00   |
| Potentially Suitable Habitat |       |    | 0.00   |
| Future Potential Habitat     |       |    | 204.45 |
| TOTAL                        |       |    | 204.45 |

| Key:                                                                                                                                                                         | Type Burn                      | Suitability              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| BA= basal area                                                                                                                                                               | 0=no data available            | CS= currently suitable   |
| dbh= diameter at breast height                                                                                                                                               | 1=non-growing season           | PS= potentially suitable |
| hwd= hardwood                                                                                                                                                                | 2=growing season               | NH= non-habitat          |
| hg= herbaceous ground cover                                                                                                                                                  |                                |                          |
| Hardwood Midstory:                                                                                                                                                           | Forest Type:                   |                          |
| 1 = low, sparse                                                                                                                                                              | 11 = Longleaf Pine-Hardwood    |                          |
| 2 = low, moderate                                                                                                                                                            | 13 = Loblolly Pine-Hardwood    |                          |
| 3 = low, dense                                                                                                                                                               | 21P = Longleaf Pine Plantation |                          |
| 4 = medium, sparse                                                                                                                                                           | 25 = Mixed Pine                |                          |
| 5 = tall, sparse                                                                                                                                                             | 31 = Loblolly Pine             |                          |
| 6 = medium, moderate                                                                                                                                                         | 32 = Shortleaf Pine            |                          |
| 7 = tall, moderate                                                                                                                                                           | NM = not managed               |                          |
| 8 = medium, dense                                                                                                                                                            |                                |                          |
| 9 = tall, dense                                                                                                                                                              |                                |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                        |                                |                          |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |                                |                          |

Appendix Table H-283. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-04R Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >14" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp22*       | 13.55 | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 13.55                    | 0.00                |
| pp23*       | 3.48  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.48                     | 0.00                |
| pp24*       | 2.55  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.55                     | 0.00                |
| pp25*       | 1.91  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.91                     | 0.00                |
| pp26*       | 5.18  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 5.18                     | 0.00                |
| pp27*       | 3.52  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.52                     | 0.00                |
| pp28*       | 3.08  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.08                     | 0.00                |
| pp29*       | 7.63  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 7.63                     | 0.00                |
| pp30*       | 1.44  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.44                     | 0.00                |
| pp31*       | 1.30  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.30                     | 0.00                |
| pp37*       | 2.54  | 8        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 2.54                     | 0.00                |
| pp985*      | 19.67 | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 19.67                    | 0.00                |
| pp986*      | 8.22  | 1        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 8.22                     | 0.00                |
| Q0231       | 5.43  | 124      | 32          | 23.46                | 5.71              | 9.24                  | 7.14               | 8.98                | 12.86            | 1.98                | 4.21                 | 7.14               | 20.00           | 32.86            | 2                             | 27                          | 25      | 3            | 1                               | 0         |                    |                  |             |                              |                         | 5.43                     | 108.60              |
| Q0234       | 7.39  | 117      | 25          | 17.99                | 5.56              | 15.54                 | 11.11              | 14.78               | 22.22            | 7.71                | 0.00                 | 0.91               | 1.11            | 33.33            | 40.00                         | 2                           | 39      | 3            | 3                               | 1         | 1                  | 7.39             | 246.31      |                              |                         |                          |                     |
| Q0236       | 3.47  | 57       | 32          | 45.21                | 11.11             | 16.45                 | 12.22              | 13.81               | 18.89            | 0.00                | 0.00                 | 0.00               | 0.00            | 31.11            | 42.22                         | 2                           | 34      | 0            | 3                               | 1         | 1                  | 3.47             | 107.95      |                              |                         |                          |                     |
| Q0238       | 11.45 | 48       | 31          | 43.75                | 12.00             | 23.68                 | 18.00              | 20.08               | 27.50            | 5.05                | 1.02                 | 0.43               | 1.50            | 45.50            | 59.00                         | 4                           | 32      | 3            | 3                               | 1         | 0                  |                  |             | 11.45                        | 520.98                  |                          |                     |
| Q0244       | 16.35 | 50       | 25          | 110.58               | 27.50             | 24.26                 | 18.50              | 20.92               | 29.50            | 28.82               | 9.47                 | 0.97               | 7.00            | 48.00            | 82.50                         | 5                           | 28      | 19           | 3                               | 1         | 0                  |                  |             | 16.35                        | 784.80                  |                          |                     |
| Q0245       | 1.07  | 19       | NM          | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 3         | 1                  |                  |             |                              |                         |                          |                     |
| Q0251       | 11.70 | 56       | 31          | 41.14                | 11.50             | 31.18                 | 21.50              | 5.80                | 9.50             | 16.63               | 0.72                 | 0.75               | 1.50            | 31.00            | 44.00                         | 2                           | 31      | 4            | 3                               | 1         | 1                  | 11.70            | 362.70      |                              |                         |                          |                     |
| Q0252       | 2.81  | 19       | NM          | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 3                               | 1         | 0                  |                  |             |                              |                         |                          |                     |
| Q0253       | 1.68  | 106      | 11          | 24.19                | 4.44              | 4.31                  | 3.33               | 15.44               | 26.67            | 6.22                | 0.00                 | 0.96               | 2.22            | 30.00            | 36.67                         | 1                           | 22      | 5            | 3                               | 1         | 1                  | 1.68             | 50.40       |                              |                         |                          |                     |
| Q0256       | 39.90 | 49       | 31          | 51.64                | 14.00             | 25.38                 | 18.00              | 12.82               | 17.00            | 4.01                | 0.00                 | 0.00               | 0.00            | 35.00            | 49.00                         | 2                           | 28      | 0            | 3                               | 1         | 1                  | 39.90            | 1,396.50    |                              |                         |                          |                     |
| Q0259       | 1.80  | 56       | 31          | 22.63                | 7.14              | 26.89                 | 18.57              | 10.13               | 15.71            | 6.01                | 2.02                 | 1.63               | 4.29            | 34.29            | 45.71                         | 1                           | 29      | 9            | 3                               | 1         | 1                  | 1.80             | 61.72       |                              |                         |                          |                     |
| Q0265       | 18.36 | 106      | 31          | 19.10                | 5.50              | 21.68                 | 16.50              | 15.54               | 25.50            | 13.53               | 2.51                 | 2.56               | 5.00            | 42.00            | 52.50                         | 2                           | 34      | 12           | 3                               | 1         | 1                  | 18.36            | 771.12      |                              |                         |                          |                     |
| Q0302       | 8.62  | 109      | 31          | 88.62                | 26.00             | 31.55                 | 21.00              | 10.45               | 17.00            | 25.08               | 4.71                 | 1.62               | 6.00            | 38.00            | 70.00                         | 2                           | 14      | 13           | 3                               | 1         | 0                  |                  |             | 8.62                         | 327.56                  |                          |                     |
| Q0330       | 6.56  | 41       | 25          | 3.86                 | 1.67              | 25.59                 | 18.33              | 10.96               | 15.00            | 24.03               | 2.57                 | 0.87               | 5.00            | 33.33            | 40.00                         | 2                           | 18      | 9            | 3                               | 1         | 1                  | 6.56             | 218.64      |                              |                         |                          |                     |
| Q0332       | 8.21  | 58       | 31          | 73.65                | 20.00             | 16.10                 | 12.50              | 14.64               | 22.50            | 55.37               | 16.06                | 1.39               | 13.75           | 35.00            | 68.75                         | 5                           | 10      | 36           | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |
| Q0333       | 4.74  | 58       | 31          | 19.22                | 6.00              | 20.57                 | 15.00              | 29.72               | 41.00            | 22.60               | 6.62                 | 1.39               | 6.00            | 56.00            | 68.00                         | 2                           | 19      | 14           | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| Q0403       | 5.25  | 85       | 13          | 15.34                | 2.86              | 1.65                  | 1.43               | 15.53               | 35.71            | 47.38               | 6.23                 | 9.19               | 18.57           | 37.14            | 58.57                         | 7                           | 3       | 47           | 3                               | 1         | 0                  |                  |             | 5.25                         | 194.99                  |                          |                     |
| Q0404       | 3.91  | 85       | 13          | 16.95                | 2.50              | 9.79                  | 7.50               | 17.37               | 42.50            | 32.32               | 2.75                 | 2.49               | 7.50            | 50.00            | 60.00                         | 7                           | 15      | 16           | 3                               | 1         | 0                  |                  |             | 3.91                         | 195.50                  |                          |                     |
| 232.77      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    | 90.86            | 3,215.34    | 45.58                        | 2,023.83                | 79.50                    | 108.60              |

| REMOVALS       |             |                |                                        |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                           | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| pp22*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 5.38                             | 0.00                        |
| pp22*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 2.28                             | 0.00                        |
| pp24*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 1.83                             | 0.00                        |
| pp25*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 0.91                             | 0.00                        |
| pp26*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 2.09                             | 0.00                        |
| pp27*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 1.49                             | 0.00                        |
| pp28*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 2.27                             | 0.00                        |
| pp29*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 2.70                             | 0.00                        |
| pp30*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 1.36                             | 0.00                        |
| pp31*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 0.66                             | 0.00                        |
| pp37*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 1.46                             | 0.00                        |
| pp37*          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      |                                 | 0.17                             | 0.00                        |
| pp985*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 10.03                            | 0.00                        |
| pp986*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 3.42                             | 0.00                        |
| Q0231          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      |                                 | 4.12                             | 82.40                       |
| Q0234          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 4.55                     | 151.65              |                                      |                                 |                                  |                             |
| Q0236          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 0.98                     | 30.49               |                                      |                                 |                                  |                             |
| Q0238          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     | 4.73                                 | 215.22                          |                                  |                             |
| Q0244          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     | 9.42                                 | 452.16                          |                                  |                             |
| Q0251          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 5.96                     | 184.76              |                                      |                                 |                                  |                             |
| Q0253          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 0.82                     | 24.60               |                                      |                                 |                                  |                             |
| Q0256          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 21.42                    | 749.70              |                                      |                                 |                                  |                             |
| Q0259          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 1.31                     | 44.92               |                                      |                                 |                                  |                             |
| Q0266          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     | 8.06                     | 338.52              |                                      |                                 |                                  |                             |
| Q0266          | 2009        | 69668          | Good Hope Training Area Infrastructure | 2.16                     | 90.72               |                                      |                                 |                                  |                             |
| Q0302          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     | 2.60                                 | 98.80                           |                                  |                             |
| Q0403          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     | 3.23                                 | 119.96                          |                                  |                             |
| Q0404          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     | 1.00                                 | 50.00                           |                                  |                             |
| Q0404          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |                          |                     | 2.91                                 | 145.50                          |                                  |                             |
| 2009 SUB-TOTAL |             |                |                                        | 45.26                    | 1,615.36            | 25.91                                | 1,156.66                        | 40.17                            | 82.40                       |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn:  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
11 = Longleaf Pine-Hardwood  
13 = Loblolly Pine-Hardwood  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
31 = Loblolly Pine  
32 = Shortleaf Pine  
NM = not managed

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Stands Q0244, Q0256, Q0330, Q0403, Q0404 and pp26 will be non-contiguous as a result of FY 2009 project impacts and cannot be counted towards the available foraging habitat for the partition.

| POST-PROJECT                 |        |                        |       |            |       |          |
|------------------------------|--------|------------------------|-------|------------|-------|----------|
| 2009 SUB-TOTAL               |        | non-contiguous habitat |       | 2009 TOTAL |       |          |
| Acres                        | BA     | Acres                  | BA    | Acres      | BA    |          |
| Suitable Habitat             | 45.60  | 1,599.98               | 25.04 | 865.44     | 20.56 | 734.54   |
| Potentially Suitable Habitat | 19.67  | 867.17                 | 6.93  | 332.64     | 12.74 | 534.53   |
| Future Potential Habitat     | 39.33  | 26.20                  | 3.09  | 0.00       | 36.24 | 26.20    |
| TOTAL                        | 104.60 | 2,493.35               | 35.06 | 1,198.08   | 69.54 | 1,295.27 |

Appendix Table H-284. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **Q02-04R, Alternative B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                       |                    |                        |                     |                     |                  |                      |                       |                     |                  |                   |                               |                          |         |              |                                 |           |                    |             |                  |                                 |                                 |                          |                     |          |
|-------------|-------|----------|-------------|-----------------------|--------------------|------------------------|---------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|--------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|---------------------------------|---------------------------------|--------------------------|---------------------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4- 10' dbh | Pine BA 4- 10' dbh | Pine Stems 10- 14' dbh | Pine BA 10- 14' dbh | Pine stems >14' dbh | Pine BA >14' dbh | Hwd Stems 4- 10' dbh | Hwd Stems 10- 14' dbh | Hwd Stems > 14' dbh | Hwd BA > 10' dbh | Pine BA > 10' dbh | Total Stand BA (Pines + Hwds) | Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable BA Acreage | Potentially Suitable BA Acreage | Future Potential Acreage | Future Potential BA |          |
| pp22*       | 13.55 | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 13.55                           | 0.00                     |                     |          |
| pp23*       | 3.48  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 3.48                            | 0.00                     |                     |          |
| pp24*       | 2.55  | 19       | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 2.55                            | 0.00                     |                     |          |
| pp25*       | 1.91  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 1.91                            | 0.00                     |                     |          |
| pp26*       | 5.18  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 5.18                            | 0.00                     |                     |          |
| pp27*       | 3.52  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 3.52                            | 0.00                     |                     |          |
| pp28*       | 3.08  | 21P      |             | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 3.08                            | 0.00                     |                     |          |
| pp29*       | 7.63  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 7.63                            | 0.00                     |                     |          |
| pp30*       | 1.44  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 1.44                            | 0.00                     |                     |          |
| pp31*       | 1.30  | 21P      |             | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 1.30                            | 0.00                     |                     |          |
| pp37*       | 2.54  | 8        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 2.54                            | 0.00                     |                     |          |
| pp885*      | 19.67 | 1        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 19.67                           | 0.00                     |                     |          |
| pp986*      | 8.22  | 1        | 21P         | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |                                 | 8.22                            | 0.00                     |                     |          |
| Q0231       | 5.43  | 124      | 32          | 23.46                 | 5.71               | 9.24                   | 7.14                | 8.98                | 12.96            | 19.98                | 1.98                  | 4.21                | 7.14             | 20.00             | 32.86                         | 2                        | 27      | 25           | 3                               | 1         | 3.35               | PS          |                  |                                 | 5.43                            | 108.69                   |                     |          |
| Q0234       | 7.39  | 117      | 25          | 17.99                 | 5.56               | 15.54                  | 11.11               | 14.78               | 22.22            | 7.71                 | 0.00                  | 0.91                | 1.11             | 33.33             | 40.00                         | 2                        | 39      | 3            | 3                               | 1         | 4.54               | PS          |                  |                                 | 7.39                            | 246.31                   |                     |          |
| Q0236       | 3.47  | 57       | 32          | 45.21                 | 11.11              | 16.45                  | 12.22               | 13.81               | 18.89            | 0.00                 | 0.00                  | 0.00                | 0.00             | 31.11             | 42.22                         | 2                        | 34      | 0            | 3                               | 1         | 4.14               | PS          |                  |                                 | 3.47                            | 107.95                   |                     |          |
| Q0238       | 11.45 | 48       | 31          | 43.75                 | 12.00              | 23.68                  | 18.00               | 20.08               | 27.50            | 5.05                 | 1.02                  | 0.43                | 1.50             | 46.50             | 59.00                         | 4                        | 32      | 3            | 3                               | 1         | 4.28               | PS          |                  |                                 | 11.45                           | 520.98                   |                     |          |
| Q0244       | 16.35 | 50       | 25          | 110.58                | 27.50              | 24.26                  | 18.50               | 20.82               | 29.50            | 28.82                | 9.47                  | 0.97                | 7.00             | 48.00             | 82.50                         | 5                        | 28      | 19           | 3                               | 1         | 4.03               | PS          |                  |                                 | 16.35                           | 784.88                   |                     |          |
| Q0245       | 1.07  | 19       | NM          | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 3                               | 1         | 2.06               | PS          |                  |                                 | 0.00                            | 0.00                     |                     |          |
| Q0251       | 11.70 | 56       | 31          | 41.14                 | 11.50              | 31.18                  | 21.50               | 5.80                | 9.50             | 16.63                | 0.72                  | 0.75                | 1.50             | 31.00             | 44.00                         | 2                        | 31      | 4            | 3                               | 1         | 3.56               | PS          |                  |                                 | 11.70                           | 362.70                   |                     |          |
| Q0252       | 2.81  | 19       | NM          | 0.00                  | 0.00               | 0.00                   | 0.00                | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 1                               | 3         | 1                  | 2.06        | PS               |                                 |                                 | 0.00                     | 0.00                |          |
| Q0253       | 1.68  | 106      | 11          | 24.19                 | 4.44               | 4.31                   | 3.33                | 15.44               | 26.67            | 6.22                 | 0.00                  | 0.96                | 2.22             | 30.00             | 36.67                         | 1                        | 22      | 5            | 3                               | 1         | 4.38               | PS          |                  |                                 | 1.68                            | 50.40                    |                     |          |
| Q0256       | 39.90 | 49       | 31          | 51.64                 | 14.00              | 25.38                  | 18.00               | 12.82               | 17.00            | 4.01                 | 0.00                  | 0.00                | 0.00             | 35.00             | 49.00                         | 2                        | 28      | 0            | 3                               | 1         | 3.80               | PS          |                  |                                 | 39.90                           | 1,396.50                 |                     |          |
| Q0259       | 1.80  | 56       | 31          | 22.63                 | 7.14               | 26.89                  | 18.57               | 10.13               | 15.71            | 6.01                 | 2.02                  | 1.63                | 4.29             | 34.29             | 45.71                         | 1                        | 29      | 9            | 3                               | 1         | 4.00               | PS          |                  |                                 | 1.80                            | 61.72                    |                     |          |
| Q0266       | 18.36 | 106      | 31          | 19.10                 | 5.50               | 21.68                  | 16.50               | 15.54               | 25.50            | 13.53                | 2.51                  | 2.56                | 5.00             | 42.00             | 52.50                         | 2                        | 34      | 12           | 3                               | 1         | 4.53               | PS          |                  |                                 | 18.36                           | 771.12                   |                     |          |
| Q0302       | 8.62  | 109      | 31          | 88.62                 | 26.00              | 31.55                  | 21.00               | 10.45               | 17.00            | 25.08                | 4.71                  | 1.62                | 6.00             | 38.00             | 70.00                         | 2                        | 14      | 13           | 3                               | 1         | 3.86               | PS          |                  |                                 | 8.62                            | 327.56                   |                     |          |
| Q0330       | 6.56  | 41       | 25          | 3.86                  | 1.67               | 25.59                  | 18.33               | 10.96               | 15.00            | 24.03                | 2.57                  | 0.87                | 5.00             | 33.33             | 40.00                         | 2                        | 18      | 9            | 3                               | 1         | 3.77               | PS          |                  |                                 | 6.56                            | 218.64                   |                     |          |
| Q0333       | 8.21  | 58       | 31          | 73.65                 | 20.00              | 18.10                  | 12.50               | 14.64               | 22.50            | 55.37                | 16.06                 | 1.39                | 13.75            | 35.00             | 68.75                         | 5                        | 10      | 36           | 3                               | 1         | 3.62               | PS          |                  |                                 | 8.21                            | 0.00                     |                     |          |
| Q0333       | 4.74  | 58       | 31          | 19.22                 | 6.00               | 20.57                  | 15.00               | 29.72               | 41.00            | 22.60                | 6.62                  | 1.39                | 6.00             | 56.00             | 68.00                         | 2                        | 19      | 14           | 3                               | 1         | 4.34               | PS          |                  |                                 | 0.00                            | 0.00                     |                     |          |
| Q0403       | 5.25  | 85       | 13          | 15.34                 | 2.86               | 1.65                   | 1.43                | 15.53               | 35.71            | 47.38                | 6.23                  | 9.19                | 18.57            | 37.14             | 58.57                         | 7                        | 3       | 47           | 3                               | 1         | 3.65               | PS          |                  |                                 | 5.25                            | 194.99                   |                     |          |
| Q0404       | 3.91  | 85       | 13          | 16.95                 | 2.50               | 9.79                   | 7.50                | 17.37               | 42.50            | 32.32                | 2.75                  | 2.49                | 7.50             | 50.00             | 60.00                         | 7                        | 15      | 16           | 3                               | 1         | 3.93               | PS          |                  |                                 | 3.91                            | 195.50                   |                     |          |
| 292.77      |       |          |             |                       |                    |                        |                     |                     |                  |                      |                       |                     |                  |                   |                               |                          |         |              |                                 |           |                    |             | 0.00             | 0.00                            | 0.00                            | 0.00                     | 215.94              | 5,347.77 |

| REMOVALS       |             |                |                                        |                          |                     |                                      |                                 |
|----------------|-------------|----------------|----------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                           | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| pp22*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 5.38                            |
| pp23*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 2.28                            |
| pp24*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 1.83                            |
| pp25*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 0.91                            |
| pp26*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 2.09                            |
| pp27*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 1.49                            |
| pp28*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 2.27                            |
| pp29*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 2.70                            |
| pp30*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 1.36                            |
| pp31*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 0.66                            |
| pp37*          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 1.46                            |
| pp986*         | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      | 0.17                            |
| pp986*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 10.03                           |
| pp986*         | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 3.42                            |
| Q0231          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 4.12                            |
| Q0234          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 4.55                            |
| Q0236          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 0.98                            |
| Q0238          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 4.73                            |
| Q0244          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 9.42                            |
| Q0251          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 5.96                            |
| Q0253          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 0.82                            |
| Q0256          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 21.42                           |
| Q0259          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 1.31                            |
| Q0266          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 8.06                            |
| Q0266          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      | 2.16                            |
| Q0302          | 2009        | 69741          | Alternate 19D/K OSUT Training Area     |                          |                     |                                      | 2.60                            |
| Q0403          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      | 2.02                            |
| Q0403          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |                          |                     |                                      | 3.23                            |
| Q0404          | 2009        | 69668          | Good Hope Training Area Infrastructure |                          |                     |                                      | 1.00                            |
| Q0404          | 2009        | 69668          | Good Hope Maneuver Heavy Use Area      |                          |                     |                                      | 2.91                            |
| 2009 SUB-TOTAL |             |                |                                        | 0.00                     | 0.00                | 0.00                                 | 0.00                            |

| POST-PROJECT                 |       | 2009 SUB-TOTAL | non-contiguous habitat |       | 2009 TOTAL |
|------------------------------|-------|----------------|------------------------|-------|------------|
| Suitable Habitat             | Acres | 0.00           | BA                     | Acres | 0.00       |
| Potentially Suitable Habitat | Acres | 0.00           | BA                     | Acres | 0.00       |
| Future Potential Habitat     | Acres | 104.60         | BA                     | Acres | 69.54      |
| TOTAL                        | Acres | 104.60         | BA                     | Acres | 69.54      |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hw= hardwood  
hgc= herbaceous ground cover

Type Burn:  
1= non-growing season  
2= growing season

Suitability:  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
11 = Longleaf Pine-Hardwood  
13 = Loblolly Pine-Hardwood  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
31 = Loblolly Pine  
32 = Shortleaf Pine  
NM = not managed

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Stands Q0244, Q0256, Q0330, Q0403, Q0404 and pp26 will be non-contiguous as a result of FY 2009 project impacts and cannot be counted towards the available foraging habitat for the partition.

Appendix Table H-285. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **R02-01R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                       |                    |                       |                     |                     |                  |                       |                        |                      |                  |                   |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |       |          |
|-------------|-------|----------|-------------|-----------------------|--------------------|-----------------------|---------------------|---------------------|------------------|-----------------------|------------------------|----------------------|------------------|-------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|-------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4- 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10-14" dbh | Pine BA 10- 14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4- 10" dbh | Hwd. Stems 10- 14" dbh | Hwd. Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |       |          |
| AOB10       | 16.77 | 59       | 10          | 37.23                 | 13.00              | 20.63                 | 14.00               | 8.74                | 12.50            | 8.32                  | 6.29                   | 6.21                 | 15.00            | 26.50             | 54.50                         | 3                             | 15      | 30           | 3                               | 1         | 0                  |                  |             |                              |                         | 16.77                    | 444.41              |       |          |
| pp1024*     | 0.24  | 0        | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.24                     | 0.00                |       |          |
| pp633*      | 0.17  | 6        | 21P         | 0.00                  | 0.00               | 0.00                  | 0.00                | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 0.00              | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.17                     | 0.00                |       |          |
| R0127       | 0.01  | 88       | 31          | 14.32                 | 5.00               | 46.31                 | 30.00               | 0.00                | 0.00             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 30.00             | 35.00                         | 2                             | 15      | 0            | 3                               | 1         | 1                  | 0.01             | 0.30        |                              |                         |                          |                     |       |          |
| R0130       | 1.99  | 79       | 13          | 97.78                 | 27.50              | 85.35                 | 57.50               | 9.94                | 12.50            | 27.25                 | 7.53                   | 2.04                 | 7.50             | 70.00             | 105.00                        | 1                             | 0       | 9            | 3                               | 1         | 0                  |                  |             | 1.99                         | 139.30                  |                          |                     |       |          |
| R0130       | 0.09  | 79       | 13U         | 97.78                 | 27.50              | 85.35                 | 57.50               | 9.94                | 12.50            | 27.25                 | 7.53                   | 2.04                 | 7.50             | 70.00             | 105.00                        | 1                             | 0       | 9            | 3                               | 1         | 0                  |                  |             | 0.09                         | 6.30                    |                          |                     |       |          |
| R0131       | 0.96  | 40       | 26          | 46.84                 | 12.50              | 21.18                 | 15.00               | 11.71               | 16.00            | 13.55                 | 0.00                   | 1.71                 | 2.00             | 31.00             | 45.50                         | 1                             | 24      | 5            | 3                               | 1         | 1                  | 0.36             | 11.16       |                              |                         |                          |                     |       |          |
| R0131       | 13.34 | 40       | 26U         | 46.84                 | 12.50              | 21.18                 | 15.00               | 11.71               | 16.00            | 13.55                 | 0.00                   | 1.71                 | 2.00             | 31.00             | 45.50                         | 1                             | 24      | 5            | 3                               | 1         | 1                  | 13.34            | 413.54      |                              |                         |                          |                     |       |          |
| R0133       | 6.29  | 88       | 21          | 23.73                 | 5.50               | 8.51                  | 6.50                | 22.10               | 34.00            | 14.47                 | 6.50                   | 2.21                 | 7.00             | 40.50             | 53.00                         | 2                             | 19      | 22           | 3                               | 1         | 1                  | 6.29             | 254.75      |                              |                         |                          |                     |       |          |
| R0211       | 16.00 | 68       | 31          | 9.10                  | 3.16               | 3.58                  | 2.63                | 16.40               | 32.11            | 20.40                 | 17.55                  | 9.45                 | 26.32            | 34.74             | 64.21                         | 6                             | 3       | 57           | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |       |          |
| R0212       | 31.89 | 65       | 42**        | 13.57                 | 4.50               | 15.79                 | 11.50               | 13.50               | 27.50            | 20.71                 | 11.45                  | 8.20                 | 22.00            | 39.00             | 65.50                         | 2                             | 7       | 40           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |       |          |
| R0218       | 11.58 | 89       | 26          | 44.95                 | 13.53              | 9.18                  | 6.47                | 14.04               | 26.47            | 4.15                  | 1.30                   | 0.81                 | 2.35             | 32.94             | 48.82                         | 2                             | 15      | 8            | 3                               | 1         | 1                  | 11.58            | 381.45      |                              |                         |                          |                     |       |          |
| R0219       | 9.20  | 89       | 26          | 43.79                 | 13.16              | 17.03                 | 11.58               | 17.60               | 28.95            | 15.84                 | 8.35                   | 5.97                 | 15.26            | 40.53             | 68.95                         | 1                             | 6       | 29           | 3                               | 1         | 1                  |                  |             | 9.20                         | 372.88                  |                          |                     |       |          |
| R0223       | 0.94  | 83       | 13          | 0.00                  | 0.00               | 11.17                 | 8.75                | 20.24               | 33.75            | 8.42                  | 6.06                   | 8.11                 | 18.75            | 42.50             | 61.25                         | 1                             | 1       | 31           | 3                               | 1         | 1                  | 0.94             | 39.95       |                              |                         |                          |                     |       |          |
| R0226       | 15.71 | 76       | 26          | 10.40                 | 2.50               | 9.09                  | 6.50                | 28.63               | 51.00            | 11.97                 | 2.86                   | 1.89                 | 5.00             | 57.50             | 65.00                         | 1                             | 17      | 11           | 3                               | 1         | 1                  | 15.71            | 903.33      |                              |                         |                          |                     |       |          |
| R0227       | 4.52  | 22       | 31          | 59.41                 | 15.00              | 8.99                  | 5.00                | 0.00                | 0.00             | 23.54                 | 0.00                   | 0.00                 | 0.00             | 5.00              | 20.00                         | 7                             | 3       | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 4.52                     | 22.60               |       |          |
| R0228       | 9.93  | 89       | 10          | 2.26                  | 1.11               | 6.03                  | 4.44                | 9.53                | 16.67            | 24.42                 | 9.43                   | 7.32                 | 16.67            | 21.11             | 38.89                         | 6                             | 10      | 52           | 3                               | 1         | 0                  |                  |             |                              |                         | 9.93                     | 209.62              |       |          |
| R0229       | 7.95  | 88       | 31          | 60.09                 | 18.75              | 26.34                 | 20.00               | 5.00                | 6.25             | 17.52                 | 2.44                   | 0.00                 | 1.25             | 26.25             | 46.25                         | 2                             | 21      | 7            | 3                               | 1         | 0                  |                  |             |                              |                         | 7.95                     | 208.69              |       |          |
| R0230       | 14.78 | 88       | 10          | 38.00                 | 9.50               | 9.62                  | 6.50                | 6.97                | 11.50            | 41.45                 | 14.23                  | 2.58                 | 13.50            | 18.00             | 41.00                         | 2                             | 13      | 50           | 3                               | 1         | 0                  |                  |             |                              |                         | 14.78                    | 266.04              |       |          |
| R0231       | 3.16  | 83       | 10          | 6.03                  | 1.58               | 2.62                  | 2.11                | 20.22               | 36.84            | 8.15                  | 10.02                  | 10.66                | 23.16            | 38.95             | 63.68                         | 2                             | 3       | 48           | 3                               | 1         | 1                  | 3.16             | 123.08      |                              |                         |                          |                     |       |          |
| R0235       | 8.77  | 76       | 25          | 31.19                 | 5.56               | 13.69                 | 10.00               | 37.72               | 65.56            | 4.16                  | 0.00                   | 1.02                 | 2.22             | 75.56             | 83.33                         | 6                             | 16      | 2            | 3                               | 1         | 0                  |                  |             | 8.77                         | 662.66                  |                          |                     |       |          |
| R0237       | 25.05 | 81       | 13          | 24.14                 | 7.37               | 7.34                  | 5.26                | 11.92               | 20.53            | 23.15                 | 12.35                  | 3.22                 | 15.26            | 25.79             | 48.42                         | 2                             | 17      | 45           | 3                               | 1         | 0                  |                  |             |                              |                         | 25.05                    | 646.04              |       |          |
| R0238       | 16.96 | 88       | 31          | 24.91                 | 7.00               | 10.16                 | 7.50                | 14.48               | 25.50            | 33.08                 | 12.16                  | 7.36                 | 21.00            | 33.00             | 61.00                         | 2                             | 14      | 44           | 3                               | 1         | 1                  | 16.96            | 559.68      |                              |                         |                          |                     |       |          |
| R0242       | 0.19  | 93       | 31          | 27.98                 | 8.00               | 13.24                 | 10.50               | 23.18               | 38.50            | 14.04                 | 14.10                  | 3.93                 | 15.50            | 49.00             | 72.50                         | 7                             | 6       | 33           | 3                               | 1         | 0                  |                  |             | 0.19                         | 9.31                    |                          |                     |       |          |
| S0104       | 1.51  | 53       | 21          | 18.25                 | 5.00               | 2.28                  | 1.50                | 11.94               | 24.00            | 2.24                  | 1.15                   | 1.29                 | 4.50             | 25.50             | 35.00                         | 1                             | 31      | 15           | 3                               | 1         | 0                  |                  |             |                              |                         | 1.51                     | 38.51               |       |          |
| S0106       | 2.49  | 27       | 31          | 25.61                 | 6.25               | 3.26                  | 2.50                | 0.71                | 1.25             | 0.00                  | 0.00                   | 0.00                 | 0.00             | 3.75              | 10.00                         | 1                             | 58      | 0            | 3                               | 1         | 0                  |                  |             |                              |                         | 2.49                     | 9.34                |       |          |
| S0108       | 11.63 | 72       | 31          | 18.61                 | 5.50               | 17.90                 | 13.00               | 16.73               | 30.50            | 5.67                  | 3.45                   | 1.83                 | 5.50             | 43.50             | 54.50                         | 1                             | 25      | 13           | 3                               | 1         | 1                  | 11.63            | 505.91      |                              |                         |                          |                     |       |          |
| S0118       | 0.52  | 45       | 31          | 12.56                 | 4.50               | 18.98                 | 13.00               | 17.04               | 29.50            | 2.31                  | 1.53                   | 2.09                 | 4.00             | 42.50             | 51.00                         | 1                             | 12      | 9            | 3                               | 1         | 1                  | 0.52             | 22.10       |                              |                         |                          |                     |       |          |
| 232.04      |       |          |             |                       |                    |                       |                     |                     |                  |                       |                        |                      |                  |                   |                               |                               |         |              |                                 |           |                    |                  |             | 89.70                        | 3,588.13                | 11.04                    | 817.57              | 83.41 | 1,845.25 |

| REMOVALS       |             |                |                                       |  |  |  |  |       |  | Suitable Acreage Removed |        |  |      |        |        | Potentially Suitable Acreage Removed |        | Potentially Suitable BA Removed |  | Future Potential Acreage Removed |       | Future Potential BA Removed |  |
|----------------|-------------|----------------|---------------------------------------|--|--|--|--|-------|--|--------------------------|--------|--|------|--------|--------|--------------------------------------|--------|---------------------------------|--|----------------------------------|-------|-----------------------------|--|
| Stand          | Fiscal Year | Project Number | Project Name                          |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| AOB10          | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 0.39                             | 10.34 |                             |  |
| AOB10          | 2009        | 65554          | Construct Training Area Roads, Paved  |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 2.64                             | 69.96 |                             |  |
| pp1024*        | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 0.24                             | 0.00  |                             |  |
| R0127          | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  | 0.01  |  | 0.30                     |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0130          | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  |       |  |                          |        |  | 2.08 |        | 145.60 |                                      |        |                                 |  |                                  |       |                             |  |
| R0131          | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  | 13.70 |  | 424.70                   |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0133          | 2009        | 72017          | Vehicle Recovery Course               |  |  |  |  | 4.79  |  | 194.00                   |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0133          | 2009        | 65554          | Construct Training Area Roads, Paved  |  |  |  |  | 1.50  |  | 60.75                    |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0226          | 2009        | 67457          | Infrastructure Support - Utilities    |  |  |  |  | 0.89  |  | 51.18                    |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0226          | 2009        | 65554          | Construct Training Area Roads, Paved  |  |  |  |  | 0.34  |  | 19.55                    |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0230          | 2009        | 64797          | Access Road for Drivers Training Area |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 0.58                             | 10.44 |                             |  |
| R0235          | 2009        | 65554          | Construct Training Area Roads, Paved  |  |  |  |  |       |  |                          |        |  | 0.39 |        | 29.47  |                                      |        |                                 |  |                                  |       |                             |  |
| R0235          | 2009        | 67457          | Infrastructure Support - Utilities    |  |  |  |  |       |  |                          |        |  | 1.08 |        | 81.60  |                                      |        |                                 |  |                                  |       |                             |  |
| R0237          | 2009        | 64797          | Access Road for Drivers Training Area |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 2.85                             | 73.50 |                             |  |
| R0237          | 2009        | 67457          | Infrastructure Support - Utilities    |  |  |  |  |       |  |                          |        |  |      |        |        |                                      |        |                                 |  | 1.06                             | 27.34 |                             |  |
| R0238          | 2009        | 64797          | Access Road for Drivers Training Area |  |  |  |  | 2.68  |  | 88.44                    |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| R0238          | 2009        | 67457          | Infrastructure Support - Utilities    |  |  |  |  | 0.88  |  | 29.04                    |        |  |      |        |        |                                      |        |                                 |  |                                  |       |                             |  |
| TOTAL REMOVALS |             |                |                                       |  |  |  |  |       |  | 24.79                    | 867.96 |  | 3.55 | 256.67 |        | 7.76                                 | 191.58 |                                 |  |                                  |       |                             |  |

| POST-PROJECT                 |        |          |       |        |        | 2009 non-contiguous habitat |       |        |        |          |       | 2009 TOTAL |        |          |       |        |  |
|------------------------------|--------|----------|-------|--------|--------|-----------------------------|-------|--------|--------|----------|-------|------------|--------|----------|-------|--------|--|
| Suitable Habitat             | Acres  | BA       | Acres | BA     | Acres  | BA                          | Acres | BA     | Acres  | BA       | Acres | BA         | Acres  | BA       | Acres | BA     |  |
| Potentially Suitable Habitat | 7.49   | 2,720.17 | 0.00  | 0.00   | 7.49   | 2,720.17                    | 0.00  | 0.00   | 7.49   | 2,720.17 | 0.00  | 0.00       | 7.49   | 2,720.17 | 0.00  | 0.00   |  |
| Future Potential Habitat     | 75.65  | 1,653.67 | 13.74 | 364.11 | 75.65  | 1,653.67                    | 13.74 | 364.11 | 75.65  | 1,653.67 | 13.74 | 364.11     | 75.65  | 1,653.67 | 13.74 | 364.11 |  |
| TOTAL                        | 148.05 | 4,934.74 |       |        | 148.05 | 4,934.74                    |       |        | 148.05 | 4,934.74 |       |            | 148.05 | 4,934.74 |       |        |  |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn:  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
10 = Yellow Pine-Upland Hardwood  
13 = Loblolly Pine Hardwood  
13U = Loblolly Pine Hardwood Underplanted  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
25 = Mixed Pine  
26 = Mixed Pine-Longleaf  
26U = Mixed Pine-Longleaf Underplanted  
31 = Loblolly Pine  
42\*\* = Upland Hardwood-Yellow Pine (managed for hardwoods)

\* Note: No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Stand AOB10 will be non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.

**R02-01R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| REMOVALS       |        |         |                                       |         |                      |                         |                  |                     |         |
|----------------|--------|---------|---------------------------------------|---------|----------------------|-------------------------|------------------|---------------------|---------|
| Stand          | Fiscal | Project | Suitable Acreage                      |         | Potentially Suitable | Potentially Suitable BA | Future Potential | Future Potential BA |         |
|                | Year   | Number  | Project Name                          | Removed | Suitable BA Removed  | Acreage Removed         | Removed          | Acreage Removed     | Removed |
| A0010          | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  | 0.39                | 10.34   |
| A0B10          | 2009   | 65554   | Construct Training Area Roads, Paved  |         |                      |                         |                  | 2.64                | 69.96   |
| pp1024*        | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  | 0.24                | 0.00    |
| R0127          | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  | 0.01                | 0.30    |
| R0130          | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  | 2.08                | 145.60  |
| R0131          | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  | 13.70               | 424.70  |
| R0133          | 2009   | 72017   | Vehicle Recovery Course               |         |                      |                         |                  |                     |         |
| R0133          | 2009   | 65554   | Construct Training Area Roads, Paved  |         |                      | 4.79                    | 194.00           |                     |         |
| R0226          | 2009   | 67457   | Infrastructure Support - Utilities    | 0.89    | 51.18                | 1.50                    | 60.75            |                     |         |
| R0226          | 2009   | 65554   | Construct Training Area Roads, Paved  | 0.34    | 19.55                |                         |                  |                     |         |
| R0230          | 2009   | 64797   | Access Road for Drivers Training Area |         |                      |                         |                  | 0.58                | 10.44   |
| R0235          | 2009   | 65554   | Construct Training Area Roads, Paved  |         |                      |                         |                  |                     |         |
| R0235          | 2009   | 67457   | Infrastructure Support - Utilities    |         |                      | 0.39                    | 29.47            |                     |         |
| R0237          | 2009   | 64797   | Access Road for Drivers Training Area |         |                      |                         |                  | 2.85                | 73.50   |
| R0237          | 2009   | 67457   | Infrastructure Support - Utilities    |         |                      |                         |                  | 1.06                | 27.34   |
| R0238          | 2009   | 64797   | Access Road for Drivers Training Area |         |                      |                         |                  | 2.92                | 88.44   |
| R0238          | 2009   | 67457   | Infrastructure Support - Utilities    |         |                      |                         |                  | 0.88                | 29.04   |
| TOTAL REMOVALS |        |         |                                       | 1.23    | 70.73                | 7.76                    | 365.82           | 27.11               | 879.66  |

| POST-PROJECT                        | 2009   |          | non-contiguous habitat |        | 2009 TOTAL |          |
|-------------------------------------|--------|----------|------------------------|--------|------------|----------|
|                                     | Acres  | BA       | Acres                  | BA     | Acres      | BA       |
| <u>Suitable Habitat</u>             | 18.58  | 995.63   | 0.00                   | 0.00   | 18.58      | 995.63   |
| <u>Potentially Suitable Habitat</u> | 7.49   | 560.90   | 0.00                   | 0.00   | 7.49       | 560.90   |
| <u>Future Potential Habitat</u>     | 121.98 | 3,378.21 | 13.74                  | 364.11 | 108.24     | 3,014.10 |
| <u>TOTAL</u>                        | 148.05 | 4,934.74 | 13.74                  | 364.11 | 134.31     | 4,570.63 |

| Key:                                                                                                                                                                                                                                                                                                                                                                                                                                             | Type Burn:                                                   | Suitability              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------|
| BA= basal area                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0=no data available                                          | CS= currently suitable   |
| dbr= diameter at breast height                                                                                                                                                                                                                                                                                                                                                                                                                   | 1= non-growing season                                        | PS= potentially suitable |
| hw= hardwood                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2= growing season                                            | NH= non-habitat          |
| hgc= herbaceous ground cover                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                              |                          |
| Hardwood Midstory:                                                                                                                                                                                                                                                                                                                                                                                                                               | Forest Type:                                                 |                          |
| 1 = low, sparse                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10 = Yellow Pine-Upland Hardwood                             |                          |
| 2 = low, moderate                                                                                                                                                                                                                                                                                                                                                                                                                                | 13 = Loblolly Pine Hardwood                                  |                          |
| 3 = low, dense                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13U = Loblolly Pine Hardwood Underplanted                    |                          |
| 4 = medium, sparse                                                                                                                                                                                                                                                                                                                                                                                                                               | 21 = Longleaf Pine                                           |                          |
| 5 = tall, sparse                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21P = Longleaf Pine Hardwood Plantation                      |                          |
| 6 = medium, moderate                                                                                                                                                                                                                                                                                                                                                                                                                             | 25 = Mixed Pine                                              |                          |
| 7 = tall, moderate                                                                                                                                                                                                                                                                                                                                                                                                                               | 26 = Mixed Pine-Longleaf                                     |                          |
| 8 = medium, dense                                                                                                                                                                                                                                                                                                                                                                                                                                | 26U = Mixed Pine-Longleaf Underplanted                       |                          |
| 9 = tall, dense                                                                                                                                                                                                                                                                                                                                                                                                                                  | 31 = Loblolly Pine                                           |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42* = Upland Hardwood-Yellow Pine<br>(managed for hardwoods) |                          |
| <p>* <b>Note:</b> No pine data was collected for pine plantation stands less than 30 years old.</p> <p>Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.</p> <p>Stand AOBID was not non-contiguous as a result of project impacts and cannot be counted towards the available foraging habitat for the partition.</p> |                                                              |                          |

Appendix Table H-287. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S01-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                |                                   |                          |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|-----------------------------------|--------------------------|-------------------|-----------------------|--------------------|--------------------------------------|------------------|---------------------------------|-----------------------|----------------------------------|-----------------|-----------------------------|-------------------------------|-----------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Acres       | Pine Age       | Forest Type                       | Pine Stems 4-10" dbh     | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh                  | Pine BA >14" dbh | Hwd. Stems 4-10" dbh            | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh              | Hwd BA >10" dbh | Pine BA >10" dbh            | Total Stand BA (Pines + Hwds) | Hwd. Midstory Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.18       | 108            | 31                                | 31.80                    | 8.50              | 17.52                 | 12.50              | 11.69                                | 21.50            | 34.09                           | 5.01                  | 1.85                             | 6.50            | 34.00                       | 49.00                         | 2                     | 7       | 19           | 3                               | 1         | 1                  | 17.18            | 584.12      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.87        | 85             | 31                                | 3.98                     | 1.00              | 5.95                  | 4.00               | 11.54                                | 26.50            | 5.18                            | 1.20                  | 0.45                             | 1.50            | 30.50                       | 33.00                         | 1                     | 36      | 9            | 3                               | 1         | 1                  | 0.87             | 26.54       |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.54        | 57             | 31                                | 26.85                    | 7.50              | 12.26                 | 9.00               | 11.66                                | 22.00            | 25.81                           | 8.50                  | 4.56                             | 13.50           | 31.00                       | 52.00                         | 7                     | 9       | 35           | 3                               | 1         | 0                  |                  |             | 1.54                         | 47.74                   |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.74        | 73             | 31                                | 9.37                     | 3.50              | 9.06                  | 6.50               | 13.39                                | 26.50            | 7.86                            | 7.79                  | 2.80                             | 10.00           | 33.00                       | 46.50                         | 8                     | 25      | 32           | 3                               | 1         | 0                  |                  |             | 0.74                         | 24.42                   |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.87        | 68             | 31                                | 4.04                     | 1.50              | 22.82                 | 16.50              | 16.06                                | 25.00            | 7.15                            | 1.19                  | 0.45                             | 2.00            | 41.50                       | 45.00                         | 2                     | 16      | 4            | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3.48        | 103            | 21                                | 10.92                    | 3.00              | 1.85                  | 1.50               | 27.25                                | 52.00            | 3.00                            | 0.00                  | 1.16                             | 1.50            | 53.50                       | 58.00                         | 1                     | 20      | 4            | 3                               | 1         | 1                  | 3.48             | 186.18      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45.08       | 86             | 31                                | 22.78                    | 6.19              | 16.22                 | 11.90              | 13.73                                | 26.67            | 2.20                            | 1.26                  | 0.00                             | 0.95            | 38.57                       | 45.71                         | 3                     | 20      | 4            | 3                               | 1         | 1                  | 45.08            | 1,738.74    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 58.34       | 91             | 31                                | 10.94                    | 3.00              | 11.97                 | 9.50               | 16.75                                | 29.00            | 1.87                            | 0.00                  | 0.75                             | 1.50            | 38.50                       | 43.00                         | 6                     | 27      | 3            | 3                               | 1         | 0                  |                  |             | 58.34                        | 2,246.09                |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 129.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |                |                                   |                          |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REMOVALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                |                                   |                          |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fiscal Year | Project Number | Project Name                      | Suitable Acreage Removed |                   | Suitable BA Removed   |                    | Potentially Suitable Acreage Removed |                  | Potentially Suitable BA Removed |                       | Future Potential Acreage Removed |                 | Future Potential BA Removed |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2009        | 69358          | Range Access Road - Good Hope MTA | 0.16                     |                   | 8.56                  |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2009        | 69358          | Range Access Road - Good Hope MTA | 0.64                     |                   | 24.68                 |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL REMOVALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                |                                   | 0.80                     |                   | 33.24                 |                    | 0.00                                 |                  | 0.00                            |                       | 0.00                             |                 | 0.00                        |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| POST-PROJECT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                |                                   |                          |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                |                                   | 2009                     |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Suitable Habitat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |                |                                   | 65.81                    | 2,502.34          |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Potentially Suitable Habitat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                |                                   | 60.62                    | 2,318.25          |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Future Potential Habitat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                |                                   | 9.00                     | 0.00              |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                |                                   | 126.43                   | 4,820.59          |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div><div>KEY:</div><div><div>BA = basal area</div><div>dbh = diameter at breast height</div><div>hwd = hardwood</div><div>hgc = herbaceous ground cover</div><div>Hardwood Midstory:<br/>1 = low, sparse<br/>2 = low, moderate<br/>3 = low, dense<br/>4 = medium, sparse<br/>5 = tall, sparse<br/>6 = medium, moderate<br/>7 = tall, moderate<br/>8 = medium, dense<br/>9 = tall, dense</div><div>Type Burn<br/>0=no data available<br/>1=non-growing season<br/>2=growing season</div><div>Forest Type:<br/>21 = Longleaf Pine<br/>31 = Loblolly Pine</div><div>Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.</div></div></div> |             |                |                                   |                          |                   |                       |                    |                                      |                  |                                 |                       |                                  |                 |                             |                               |                       |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-288. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S01-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| EE0111      | 17.18 | 108      | 31          | 31.80                | 8.50               | 17.52                  | 12.50              | 11.69               | 21.50            | 34.09                | 5.01                  | 1.85                | 6.50             | 34.00             | 49.00                         | 2                           | 7       | 19           | 3                               | 1         | 3.94               | PS          |                  |             |                              |                         | 17.18                    | 584.12              |
| EE0201      | 0.87  | 85       | 31          | 3.98                 | 1.00               | 5.95                   | 4.00               | 11.54               | 26.50            | 5.18                 | 1.20                  | 0.45                | 1.50             | 30.50             | 33.00                         | 1                           | 36      | 9            | 3                               | 1         | 4.34               | PS          |                  |             |                              |                         | 0.87                     | 26.54               |
| EE0207      | 1.54  | 57       | 31          | 26.85                | 7.50               | 12.26                  | 9.00               | 11.66               | 22.00            | 25.81                | 8.50                  | 4.56                | 13.50            | 31.00             | 52.00                         | 7                           | 9       | 35           | 3                               | 1         | 3.28               | PS          |                  |             |                              |                         | 1.54                     | 47.74               |
| EE0213      | 0.74  | 73       | 31          | 9.37                 | 3.50               | 9.06                   | 6.50               | 13.39               | 26.50            | 7.86                 | 7.79                  | 2.80                | 10.00            | 33.00             | 46.50                         | 8                           | 25      | 32           | 3                               | 1         | 3.85               | PS          |                  |             |                              |                         | 0.74                     | 24.42               |
| S0120       | 1.87  | 68       | 31          | 4.04                 | 1.50               | 22.82                  | 16.50              | 16.06               | 25.00            | 7.15                 | 1.19                  | 0.45                | 2.00             | 41.50             | 45.00                         | 2                           | 16      | 4            | 3                               | 1         | 4.39               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| S0123       | 3.48  | 103      | 21          | 10.92                | 3.00               | 1.85                   | 1.50               | 27.25               | 52.00            | 3.00                 | 0.00                  | 1.16                | 1.50             | 53.50             | 58.00                         | 1                           | 20      | 4            | 3                               | 1         | 4.65               | CS          | 3.48             | 186.18      |                              |                         |                          |                     |
| S0125       | 45.08 | 86       | 31          | 22.78                | 6.19               | 16.22                  | 11.90              | 13.73               | 26.67            | 2.20                 | 1.26                  | 0.00                | 0.95             | 38.57             | 45.71                         | 3                           | 20      | 4            | 3                               | 1         | 4.33               | PS          |                  |             |                              |                         | 45.08                    | 1,738.74            |
| S0301       | 58.34 | 91       | 31          | 10.94                | 3.00               | 11.97                  | 9.50               | 16.75               | 29.00            | 1.87                 | 0.00                  | 0.75                | 1.50             | 38.50             | 43.00                         | 6                           | 27      | 3            | 3                               | 1         | 4.22               | PS          |                  |             |                              |                         | 58.34                    | 2,246.09            |
| 129.10      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             | 3.48             | 186.18      | 0.00                         | 0.00                    | 123.75                   | 4,667.65            |

| REMOVALS       |             |                |                                   |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|-----------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                      | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| S0123          | 2009        | 69358          | Range Access Road - Good Hope MTA | 0.16                     | 8.56                |                                      |                                 |                                  |                             |
| S0125          | 2009        | 69358          | Range Access Road - Good Hope MTA |                          |                     |                                      |                                 | 0.64                             | 24.68                       |
| TOTAL REMOVALS |             |                |                                   | 0.16                     | 8.56                | 0.00                                 | 0.00                            | 0.64                             | 24.68                       |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
|                              | Acres  | BA       |
| Suitable Habitat             | 3.32   | 177.62   |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 123.11 | 4,642.97 |
| TOTAL                        | 126.43 | 4,820.59 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
31 = Loblolly Pine

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-289. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S02-01F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |
| pp636*      | 0.11  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.11                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |
| pp637*      | 0.22  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.22                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |
| R0246       | 0.02  | 93       | 31          | 72.84                | 21.00             | 28.71                 | 21.00              | 15.97               | 22.50            | 7.54                 | 1.52                  | 1.35                | 3.00            | 43.50            | 67.50                         | 2                            | 17      | 6            | 3                               | 1         | 0                  |                  |             | 0.00                         | 0.00                    |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0117       | 1.31  | 94       | 21          | 3.61                 | 1.50              | 6.07                  | 4.50               | 24.16               | 47.00            | 5.25                 | 0.86                  | 1.88                | 4.00            | 51.50            | 57.00                         | 2                            | 18      | 8            | 3                               | 1         | 1                  | 1.31             | 67.47       |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0118       | 24.97 | 45       | 31          | 12.56                | 4.50              | 18.98                 | 13.00              | 17.04               | 29.50            | 2.31                 | 1.53                  | 2.09                | 4.00            | 42.50            | 51.00                         | 1                            | 12      | 9            | 3                               | 1         | 1                  | 24.97            | 1,061.23    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0120       | 3.90  | 68       | 31          | 4.04                 | 1.50              | 22.82                 | 16.50              | 16.06               | 25.00            | 7.15                 | 1.19                  | 0.45                | 2.00            | 41.50            | 45.00                         | 2                            | 16      | 4            | 3                               | 1         | 1                  | 3.90             | 161.85      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0122       | 26.59 | 64       | 31          | 21.44                | 6.00              | 23.00                 | 16.50              | 14.40               | 21.00            | 6.81                 | 1.09                  | 0.83                | 2.50            | 37.50            | 46.00                         | 1                            | 26      | 5            | 3                               | 1         | 1                  | 26.59            | 997.13      |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0123       | 38.77 | 103      | 21          | 10.92                | 3.00              | 1.85                  | 1.50               | 27.25               | 52.00            | 3.00                 | 0.00                  | 1.16                | 1.50            | 53.50            | 58.00                         | 1                            | 20      | 4            | 3                               | 1         | 1                  | 38.77            | 2,074.20    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0125       | 1.73  | 86       | 31          | 22.78                | 6.19              | 16.22                 | 11.90              | 13.73               | 26.67            | 2.20                 | 1.26                  | 0.00                | 0.95            | 38.57            | 45.71                         | 3                            | 20      | 4            | 3                               | 1         | 1                  | 1.73             | 66.73       |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0202       | 11.59 | 87       | 21          | 2.61                 | 1.00              | 3.85                  | 3.00               | 9.91                | 22.50            | 39.78                | 11.00                 | 8.17                | 21.00           | 25.50            | 47.50                         | 1                            | 23      | 58           | 3                               | 1         | 0                  |                  |             |                              |                         | 11.59                    | 295.55              |  |  |  |  |  |  |  |  |  |  |  |  |
| S0203       | 33.60 | 69       | 31          | 35.85                | 11.00             | 8.81                  | 6.00               | 4.05                | 8.00             | 1.40                 | 4.04                  | 0.37                | 3.50            | 14.00            | 28.50                         | 1                            | 32      | 26           | 3                               | 1         | 0                  |                  |             |                              |                         | 33.60                    | 470.40              |  |  |  |  |  |  |  |  |  |  |  |  |
| S0204       | 20.54 | 79       | 21          | 6.98                 | 2.00              | 11.98                 | 9.50               | 32.74               | 57.00            | 0.00                 | 0.00                  | 0.00                | 0.00            | 66.50            | 68.50                         | 2                            | 20      | 0            | 3                               | 1         | 1                  | 20.54            | 1,365.91    |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| S0207       | 2.89  | 71       | 64**        | 4.31                 | 1.43              | 10.48                 | 7.14               | 5.48                | 7.14             | 20.80                | 32.85                 | 14.43               | 44.29           | 14.29            | 60.00                         | 2                            | 7       | 75           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |
| S0301       | 2.78  | 91       | 31          | 10.94                | 3.00              | 11.97                 | 9.50               | 16.75               | 29.00            | 1.87                 | 0.00                  | 0.75                | 1.50            | 38.50            | 43.00                         | 6                            | 27      | 3            | 3                               | 1         | 0                  |                  |             | 2.78                         | 107.03                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |
| 169.02      |       |          |             |                      |                   |                       |                    |                     |                  |                      |                       |                     |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |

| REMOVALS       |             |                |                                    |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                       | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| S0120          | 2009        | 69358          | Range Access Road - Good Hope MTA  | 2.13                     | 88.40               |                                      |                                 |                                  |                             |
| S0122          | 2009        | 69358          | Range Access Road - Good Hope MTA  | 2.35                     | 88.13               |                                      |                                 |                                  |                             |
| S0123          | 2009        | 69358          | Range Access Road - Good Hope MTA  | 1.36                     | 72.76               |                                      |                                 |                                  |                             |
| S0125          | 2009        | 69358          | Range Access Road - Good Hope MTA  | 0.96                     | 37.03               |                                      |                                 |                                  |                             |
| S0203          | 2009        | 67457          | Infrastructure Support - Utilities |                          |                     |                                      |                                 |                                  |                             |
| TOTAL REMOVALS |             |                |                                    | 6.80                     | 286.32              | 0.00                                 | 0.00                            | 0.99                             | 13.86                       |

| POST-PROJECT                 |        |          | 2009   |          |
|------------------------------|--------|----------|--------|----------|
| Suitable Habitat             | Acres  | BA       | 111.01 | 5,508.20 |
| Potentially Suitable Habitat | 2.78   | 107.03   |        |          |
| Future Potential Habitat     | 44.53  | 752.09   |        |          |
| TOTAL                        | 158.32 | 6,367.32 |        |          |

**Key:**

BA = basal area  
dbh = diameter at breast height  
hwd = hardwood  
hgc = herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Stand Score  
0=Unsuitable  
1=Suitable

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
64\*\* = Laurel Oak-Willow Oak

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-290. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S02-01R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp636*      | 0.11  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.11                     | 0.00                |
| pp637*      | 0.22  | 6        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.22                     | 0.00                |
| R0246       | 0.02  | 93       | 31          | 72.84                | 21.00             | 28.71                 | 21.00              | 15.97               | 22.50            | 7.54                | 1.52                 | 1.35               | 3.00            | 43.50            | 67.50                         | 2                           | 17      | 6            | 3                               | 1         | 4.29               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| S0117       | 1.31  | 94       | 21          | 3.61                 | 1.50              | 6.07                  | 4.50               | 24.16               | 47.00            | 5.25                | 0.86                 | 1.88               | 4.00            | 51.50            | 57.00                         | 2                           | 18      | 8            | 3                               | 1         | 4.55               | CS          | 1.31             | 67.47       |                              |                         |                          |                     |
| S0118       | 24.97 | 45       | 31          | 12.56                | 4.50              | 18.98                 | 13.00              | 17.04               | 29.50            | 2.31                | 1.53                 | 2.09               | 4.00            | 42.50            | 51.00                         | 1                           | 12      | 9            | 3                               | 1         | 4.12               | PS          |                  |             |                              |                         | 24.97                    | 1,061.23            |
| S0120       | 3.90  | 68       | 31          | 4.04                 | 1.50              | 22.82                 | 16.50              | 16.06               | 25.00            | 7.15                | 1.19                 | 0.45               | 2.00            | 41.50            | 45.00                         | 2                           | 16      | 4            | 3                               | 1         | 4.39               | PS          |                  |             |                              |                         | 3.90                     | 161.85              |
| S0122       | 26.59 | 64       | 31          | 21.44                | 6.00              | 23.00                 | 16.50              | 14.40               | 21.00            | 6.81                | 1.09                 | 0.83               | 2.50            | 37.50            | 46.00                         | 1                           | 26      | 5            | 3                               | 1         | 4.43               | PS          |                  |             |                              |                         | 26.59                    | 997.13              |
| S0123       | 38.77 | 103      | 21          | 10.92                | 3.00              | 1.85                  | 1.50               | 27.25               | 52.00            | 3.00                | 0.00                 | 1.16               | 1.50            | 53.50            | 58.00                         | 1                           | 20      | 4            | 3                               | 1         | 4.65               | CS          | 38.77            | 2,074.20    |                              |                         |                          |                     |
| S0125       | 1.73  | 86       | 31          | 22.78                | 6.19              | 16.22                 | 11.90              | 13.73               | 26.67            | 2.20                | 1.26                 | 0.00               | 0.95            | 38.57            | 45.71                         | 3                           | 20      | 4            | 3                               | 1         | 4.33               | PS          |                  |             |                              |                         | 1.73                     | 66.73               |
| S0202       | 11.59 | 87       | 21          | 2.61                 | 1.00              | 3.85                  | 3.00               | 9.91                | 22.50            | 39.78               | 11.00                | 8.17               | 21.00           | 25.50            | 47.50                         | 1                           | 23      | 58           | 3                               | 1         | 3.94               | PS          |                  |             |                              |                         | 11.59                    | 295.55              |
| S0203       | 33.60 | 69       | 31          | 35.85                | 11.00             | 8.81                  | 6.00               | 4.05                | 8.00             | 1.40                | 4.04                 | 0.37               | 3.50            | 14.00            | 28.50                         | 1                           | 32      | 26           | 3                               | 1         | 3.27               | PS          |                  |             |                              |                         | 33.60                    | 470.40              |
| S0204       | 20.54 | 79       | 21          | 6.98                 | 2.00              | 11.98                 | 9.50               | 32.74               | 57.00            | 0.00                | 0.00                 | 0.00               | 0.00            | 66.50            | 68.50                         | 2                           | 20      | 0            | 3                               | 1         | 4.65               | CS          | 20.54            | 1,365.91    |                              |                         |                          |                     |
| S0207       | 2.89  | 71       | 64**        | 4.31                 | 1.43              | 10.48                 | 7.14               | 5.48                | 7.14             | 20.80               | 32.85                | 14.43              | 44.29           | 14.29            | 60.00                         | 2                           | 7       | 75           | 3                               | 1         | 3.12               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |
| S0301       | 2.78  | 91       | 31          | 10.94                | 3.00              | 11.97                 | 9.50               | 16.75               | 29.00            | 1.87                | 0.00                 | 0.75               | 1.50            | 38.50            | 43.00                         | 6                           | 27      | 3            | 3                               | 1         | 4.22               | PS          |                  |             |                              |                         | 2.78                     | 107.03              |
| 169.02      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |

| REMOVALS       |             |                |                                    |                          |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------|--------------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                       | Suitable Acreage Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| S0120          | 2009        | 69358          | Range Access Road - Good Hope MTA  |                          |                                      |                                 | 2.13                             | 88.40                       |
| S0122          | 2009        | 69358          | Range Access Road - Good Hope MTA  |                          |                                      |                                 | 2.35                             | 88.13                       |
| S0123          | 2009        | 69358          | Range Access Road - Good Hope MTA  |                          |                                      |                                 | 1.36                             | 72.76                       |
| S0125          | 2009        | 69358          | Range Access Road - Good Hope MTA  |                          |                                      |                                 | 0.96                             | 37.03                       |
| S0203          | 2009        | 67457          | Infrastructure Support - Utilities |                          |                                      |                                 | 0.99                             | 13.86                       |
| TOTAL REMOVALS |             |                |                                    | 0.00                     | 0.00                                 | 0.00                            | 7.79                             | 300.18                      |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
|                              | Acres  | BA       |
| Suitable Habitat             | 60.62  | 3,507.58 |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 97.70  | 2,859.74 |
| TOTAL                        | 158.32 | 6,367.32 |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgcn= herbaceous ground cover

Type Burn  
0=no data available  
1=non-growing season  
2=growing season

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
31 = Loblolly Pine  
64\*\* = Laurel Oak-Willow Oak

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.

Appendix Table H-291. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S03-01F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia:

| PRE-PROJECT                  |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------|-------------|----------------|----------------------------------------------|----------------------|---------------------|-----------------------|--------------------|-------------------------|------------------|----------------------|-----------------------|---------------------|-----------------|------------------|-------------------------------|-------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stand                        | Acres       | Pine Age       | Forest Type                                  | Pine Stems 4-10" dbh | Pine BA 4-10" dbh   | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine Stems >14" dbh     | Pine BA >14" dbh | Hwd. Stems 4-10" dbh | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C0105                        | 4.18        | 72             | 31                                           | 9.85                 | 3.00                | 9.37                  | 6.50               | 19.28                   | 36.50            | 13.87                | 4.72                  | 1.42                | 6.00            | 43.00            | 52.00                         | 6                             | 31      | 18           | 3                               | 1         | 0                  |                  |             | 4.18                         | 179.74                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EE0213                       | 9.08        | 73             | 31                                           | 9.37                 | 3.50                | 9.06                  | 6.50               | 13.39                   | 26.50            | 7.86                 | 7.79                  | 2.80                | 10.00           | 33.00            | 46.50                         | 8                             | 25      | 32           | 3                               | 1         | 0                  |                  |             | 9.08                         | 299.64                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp637*                       | 0.01        | 6              | 21P                                          | 0.00                 | 0.00                | 0.00                  | 0.00               | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 0.01                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pp741*                       | 1.41        | 5              | 21P                                          | 0.00                 | 0.00                | 0.00                  | 0.00               | 0.00                    | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00            | 0.00             | 0.00                          | 0                             | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.41                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0203                        | 4.85        | 69             | 31                                           | 35.85                | 11.00               | 8.81                  | 6.00               | 4.05                    | 8.00             | 1.40                 | 4.04                  | 0.37                | 3.50            | 14.00            | 28.50                         | 1                             | 32      | 26           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.85                     | 67.90               |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0204                        | 1.18        | 79             | 21                                           | 6.98                 | 2.00                | 11.98                 | 9.50               | 32.74                   | 57.00            | 0.00                 | 0.00                  | 0.00                | 0.00            | 66.50            | 68.50                         | 2                             | 20      | 0            | 3                               | 1         | 1                  | 1.18             | 78.47       |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0207                        | 4.18        | 71             | 64**                                         | 4.31                 | 1.43                | 10.48                 | 7.14               | 5.48                    | 7.14             | 20.80                | 32.85                 | 14.43               | 44.29           | 14.29            | 60.00                         | 2                             | 7       | 75           | 3                               | 1         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0209                        | 33.24       | 58             | 26                                           | 8.42                 | 2.50                | 9.66                  | 7.00               | 12.33                   | 21.50            | 10.30                | 1.50                  | 3.03                | 6.00            | 28.50            | 37.00                         | 6                             | 23      | 17           | 3                               | 1         | 0                  |                  |             |                              |                         | 33.24                    | 947.34              |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0210                        | 3.37        | 69             | 31                                           | 31.33                | 8.50                | 14.70                 | 11.00              | 16.59                   | 27.00            | 0.00                 | 2.18                  | 1.67                | 3.50            | 38.00            | 50.00                         | 6                             | 29      | 11           | 3                               | 1         | 0                  |                  |             | 3.37                         | 128.06                  |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0301                        | 28.33       | 91             | 31                                           | 10.94                | 3.00                | 11.97                 | 9.50               | 16.75                   | 29.00            | 1.87                 | 0.00                  | 0.75                | 1.50            | 38.50            | 43.00                         | 6                             | 27      | 3            | 3                               | 1         | 0                  |                  |             | 28.33                        | 1,090.71                |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0303                        | 60.52       | 62             | 31                                           | 17.93                | 4.50                | 8.57                  | 6.50               | 12.82                   | 20.50            | 0.00                 | 1.25                  | 0.73                | 2.00            | 27.00            | 33.50                         | 2                             | 31      | 8            | 3                               | 1         | 0                  |                  |             |                              |                         | 60.52                    | 1,634.04            |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150.35                       |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| REMOVALS                     |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stand                        | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage     |                     | Potentially Suitable  |                    | Potentially Suitable BA |                  | Future Potential     |                       | Future Potential BA |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              | Removed              | Suitable BA Removed | Acreage Removed       | Removed            | Suitable BA Removed     | Acreage Removed  | Removed              | Acreage Removed       | Removed             | Acreage Removed |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C0105                        | 2009        | 67457          | Infrastructure Support - Utilities           |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              | 2009 SUB-TOTAL       | 0.00                |                       | 0.00               |                         | 1.20             |                      | 51.60                 |                     | 0.00            |                  | 0.00                          |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C0105                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                     |                       |                    |                         | 0.92             |                      | 39.56                 |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0209                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              | 0.68                            |           | 19.38              |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S0303                        | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              | 2.42                            |           | 65.34              |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              | 2010 SUB-TOTAL       | 0.00                |                       | 0.00               |                         | 0.92             |                      | 39.56                 |                     | 3.10            | 84.72            |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              | TOTAL REMOVALS       | 0.00                |                       | 0.00               |                         | 2.12             |                      | 91.16                 |                     | 3.10            | 84.72            |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| POST-PROJECT                 |             |                |                                              | 2009                 |                     | 2010                  |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              | Acres                | BA                  | Acres                 | BA                 |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Suitable Habitat             |             |                |                                              | 1.18                 | 78.47               | 1.18                  | 78.47              |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Potentially Suitable Habitat |             |                |                                              | 43.76                | 1,646.55            | 42.84                 | 1,606.99           |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Future Potential Habitat     |             |                |                                              | 100.03               | 2,649.28            | 96.93                 | 2,564.56           |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL                        |             |                |                                              | 144.97               | 4,374.30            | 140.95                | 4,250.02           |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    |                         |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                              |             |                |                                              |                      |                     |                       |                    | </                      |                  |                      |                       |                     |                 |                  |                               |                               |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |  |

Appendix Table H-292. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **S03-01R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                          |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |  |  |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|--------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|--|--|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |  |  |
| C0105       | 4.18  | 72       | 31          | 9.85                 | 3.00               | 9.37                   | 6.50               | 19.28               | 36.50            | 13.87                | 4.72                  | 1.42                | 6.00             | 43.00             | 52.00                         | 6                        | 31      | 18           | 3                               | 1         | 4.39               | PS          |                  |             | 4.18                         | 179.74                  |                          |                     |  |  |
| EE0213      | 9.08  | 73       | 31          | 9.37                 | 3.50               | 9.06                   | 6.50               | 13.39               | 26.50            | 7.86                 | 7.79                  | 2.80                | 10.00            | 33.00             | 46.50                         | 8                        | 25      | 32           | 3                               | 1         | 3.85               | PS          |                  |             |                              |                         | 9.08                     | 299.64              |  |  |
| pp637*      | 0.01  | 6        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 0.01                     | 0.00                |  |  |
| pp741*      | 1.41  | 5        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                        | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              |                         | 1.41                     | 0.00                |  |  |
| S0203       | 4.85  | 69       | 31          | 35.85                | 11.00              | 8.81                   | 6.00               | 4.05                | 8.00             | 1.40                 | 4.04                  | 0.37                | 3.50             | 14.00             | 28.50                         | 1                        | 32      | 26           | 3                               | 1         | 3.27               | PS          |                  |             |                              |                         | 4.85                     | 67.90               |  |  |
| S0204       | 1.18  | 79       | 21          | 6.98                 | 2.00               | 11.98                  | 9.50               | 32.74               | 57.00            | 0.00                 | 0.00                  | 0.00                | 0.00             | 66.50             | 68.50                         | 2                        | 20      | 0            | 3                               | 1         | 4.55               | CS          | 1.18             | 78.47       |                              |                         |                          |                     |  |  |
| S0207       | 4.18  | 71       | 64**        | 4.31                 | 1.43               | 10.48                  | 7.14               | 5.48                | 7.14             | 20.80                | 32.85                 | 14.43               | 44.29            | 14.29             | 60.00                         | 2                        | 7       | 75           | 3                               | 1         | 3.12               | PS          |                  |             |                              |                         | 0.00                     | 0.00                |  |  |
| S0209       | 33.24 | 58       | 26          | 8.42                 | 2.50               | 9.66                   | 7.00               | 12.33               | 21.50            | 10.30                | 1.50                  | 3.03                | 6.00             | 28.50             | 37.00                         | 6                        | 23      | 17           | 3                               | 1         | 3.75               | PS          |                  |             |                              |                         | 33.24                    | 947.34              |  |  |
| S0210       | 3.37  | 69       | 31          | 31.33                | 8.50               | 14.70                  | 11.00              | 16.59               | 27.00            | 0.00                 | 2.18                  | 1.67                | 3.50             | 38.00             | 50.00                         | 6                        | 29      | 11           | 3                               | 1         | 4.13               | PS          |                  |             |                              |                         | 3.37                     | 128.06              |  |  |
| S0301       | 28.33 | 91       | 31          | 10.94                | 3.00               | 11.97                  | 9.50               | 16.75               | 29.00            | 1.87                 | 0.00                  | 0.75                | 1.50             | 38.50             | 43.00                         | 6                        | 27      | 3            | 3                               | 1         | 4.22               | PS          |                  |             |                              |                         | 28.33                    | 1,090.71            |  |  |
| S0303       | 60.52 | 62       | 31          | 17.93                | 4.50               | 8.57                   | 6.50               | 12.82               | 20.50            | 0.00                 | 1.25                  | 0.73                | 2.00             | 27.00             | 33.50                         | 2                        | 31      | 8            | 3                               | 1         | 4.34               | PS          |                  |             |                              |                         | 60.52                    | 1,634.04            |  |  |
| 150.35      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                          |         |              |                                 |           |                    | 1.18        | 78.47            | 4.18        | 179.74                       | 140.81                  | 4,167.69                 |                     |  |  |

| REMOVALS       |             |                |                                              |                          |                                      |                                 |                                  |                             |       |
|----------------|-------------|----------------|----------------------------------------------|--------------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|-------|
| Stand          | Fiscal Year | Project Number | Project Name                                 | Suitable Acreage Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |       |
| C0105          | 2009        | 67457          | Infrastructure Support - Utilities           |                          |                                      | 1.20                            | 51.60                            |                             |       |
|                |             |                |                                              | 0.00                     | 0.00                                 | 1.20                            | 0.00                             | 0.00                        |       |
| C0105          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                                      | 0.92                            | 39.56                            |                             |       |
| S0209          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                                      |                                 | 0.68                             | 19.38                       |       |
| S0303          | 2010        | 65557          | Repair Existing Training Area Roads, Phase 1 |                          |                                      |                                 | 2.42                             | 65.34                       |       |
|                |             |                |                                              | 0.00                     | 0.00                                 | 0.92                            | 39.56                            | 3.10                        | 84.72 |
| TOTAL REMOVALS |             |                |                                              | 0.00                     | 0.00                                 | 2.12                            | 91.16                            | 3.10                        | 84.72 |

| POST-PROJECT                 |        |          |        |          |
|------------------------------|--------|----------|--------|----------|
|                              | 2009   |          | 2010   |          |
|                              | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 1.18   | 78.47    | 1.18   | 78.47    |
| Potentially Suitable Habitat | 2.98   | 128.14   | 2.06   | 88.58    |
| Future Potential Habitat     | 140.81 | 4,167.69 | 137.71 | 4,082.97 |
| TOTAL                        | 144.97 | 4,374.30 | 140.95 | 4,250.02 |

|                                |                                                      |                          |
|--------------------------------|------------------------------------------------------|--------------------------|
| Key:                           | Type Burn                                            | Suitability              |
| BA= basal area                 |                                                      |                          |
| dbh= diameter at breast height | 0=no data available                                  | CS= currently suitable   |
| hwd= hardwood                  | 1=non-growing season                                 | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2=growing season                                     | NH= non-habitat          |
| Hardwood Midstory:             | Forest Type:                                         |                          |
| 1 = low, sparse                | 21 = Longleaf Pine                                   |                          |
| 2 = low, moderate              | 21P = Longleaf Pine Plantation                       |                          |
| 3 = low, dense                 | 26 = Mixed Pine-Longleaf                             |                          |
| 4 = medium, sparse             | 31 = Loblolly Pine                                   |                          |
| 5 = tall, sparse               | 64** = Laurel Oak-Willow Oak (managed for hardwoods) |                          |
| 6 = medium, moderate           |                                                      |                          |
| 7 = tall, moderate             |                                                      |                          |
| 8 = medium, dense              |                                                      |                          |
| 9 = tall, dense                |                                                      |                          |

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-293. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **SHC-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| SHC10       | 15.31 | 76       | 31          | 25.77                | 5.50              | 4.95                  | 4.00               | 12.00               | 23.50            | 15.49               | 13.07                | 6.34               | 20.00           | 27.50            | 53.00                         | 7                            | 19      | 53           | 3                               | 1         | 0                  |                  |             |                              |                         | 15.31                    | 421.03              |
| SHC11       | 11.19 | 76       | 26          | 28.07                | 6.50              | 11.19                 | 8.00               | 15.52               | 30.00            | 7.83                | 2.57                 | 1.68               | 4.50            | 38.00            | 49.00                         | 2                            | 19      | 14           | 3                               | 1         | 1                  | 11.19            | 425.22      |                              |                         |                          |                     |
| SHC12       | 1.30  | 50       | 13          | 39.10                | 15.56             | 77.90                 | 53.33              | 18.88               | 24.44            | 8.70                | 13.69                | 3.01               | 13.33           | 77.78            | 106.67                        | 7                            | 26      | 15           | 3                               | 1         | 0                  |                  |             | 1.30                         | 101.11                  |                          |                     |
| SHC25       | 14.67 | 80       | 10          | 22.48                | 6.00              | 9.22                  | 6.00               | 16.98               | 34.00            | 37.13               | 9.90                 | 7.58               | 19.50           | 40.00            | 65.50                         | 7                            | 17      | 40           | 0                               | 0         | 0                  |                  |             | 14.67                        | 586.80                  |                          |                     |
| SHC26       | 34.05 | 51       | 31          | 24.88                | 6.92              | 9.63                  | 6.92               | 22.95               | 41.54            | 13.54               | 5.02                 | 2.12               | 8.46            | 48.46            | 63.85                         | 8                            | 25      | 18           | 3                               | 1         | 0                  |                  |             | 34.05                        | 1,650.06                |                          |                     |
| SHC27       | 36.38 | 83       | 26          | 31.65                | 9.50              | 10.32                 | 8.00               | 19.48               | 35.00            | 2.65                | 1.75                 | 0.35               | 2.50            | 43.00            | 55.00                         | 5                            | 27      | 7            | 3                               | 1         | 0                  |                  |             | 36.38                        | 1,564.34                |                          |                     |
| SHC29       | 1.77  | 50       | 13          | 34.39                | 12.00             | 16.45                 | 12.00              | 9.98                | 14.00            | 0.00                | 0.00                 | 1.61               | 2.00            | 26.00            | 40.00                         | 7                            | 22      | 6            | 3                               | 1         | 0                  |                  |             |                              | 1.77                    | 46.02                    |                     |
| SHC40       | 15.30 | 96       | 31          | 37.45                | 13.00             | 45.25                 | 30.50              | 10.24               | 14.00            | 8.95                | 0.53                 | 0.72               | 2.00            | 44.50            | 59.50                         | 1                            | 30      | 2            | 3                               | 1         | 1                  | 15.30            | 680.85      |                              |                         |                          |                     |
| SHC41       | 24.91 | 92       | 31          | 50.97                | 14.38             | 4.43                  | 3.13               | 9.88                | 21.25            | 5.95                | 1.96                 | 2.17               | 5.63            | 24.38            | 44.38                         | 6                            | 11      | 22           | 3                               | 1         | 0                  |                  |             |                              | 24.91                   | 607.31                   |                     |
| SHC52       | 3.70  | 11       | 31          | 194.74               | 47.50             | 28.14                 | 17.50              | 0.00                | 0.00             | 26.12               | 9.56                 | 3.52               | 10.00           | 17.50            | 75.00                         | 5                            | 3       | 32           | 3                               | 1         | 0                  |                  |             |                              | 3.70                    | 64.75                    |                     |
| SHC55       | 13.44 | 86       | 21          | 38.42                | 8.95              | 4.68                  | 3.16               | 8.86                | 20.53            | 0.00                | 0.00                 | 0.00               | 0.00            | 23.68            | 32.63                         | 1                            | 62      | 0            | 3                               | 1         | 0                  |                  |             |                              | 13.44                   | 318.26                   |                     |
| SHC66       | 40.81 | 99       | 13          | 12.13                | 4.62              | 12.52                 | 9.23               | 12.76               | 22.31            | 9.24                | 7.88                 | 4.24               | 13.08           | 31.54            | 49.23                         | 6                            | 8       | 32           | 0                               | 0         | 0                  |                  |             | 40.81                        | 1,287.15                |                          |                     |
| 212.83      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         | 26.49        | 1,106.07                        | 127.21    | 5,189.46           | 59.13            | 1,457.37    |                              |                         |                          |                     |

| REMOVALS       |             |                |                                                |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                   | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| SHC29          | 2010        | 70027/72457    | Classrooms with BN Dining Facilities (GTA)     |                          |                     |                                      |                                 | 1.09                             | 28.34                       |
| SHC41          | 2010        | 69150          | Classrooms and Dual BN Dining Facilities (GTA) |                          |                     |                                      |                                 | 0.15                             | 3.66                        |
| SHC66          | 2010        | 69150          | Classrooms and Dual BN Dining Facilities (GTA) |                          |                     | 0.45                                 | 14.19                           |                                  |                             |
| 2010 SUB-TOTAL |             |                |                                                | 0.00                     | 0.00                | 0.45                                 | 14.19                           | 1.24                             | 32.00                       |
| SHC41          | 2012        | 65246          | Recreation Centers, Sand Hill                  |                          |                     |                                      |                                 | 0.02                             | 0.49                        |
| SHC55          | 2012        | 65246          | Recreation Centers, Sand Hill                  |                          |                     |                                      |                                 | 1.87                             | 44.28                       |
| SHC66          | 2012        | 69745          | Training Barracks Complex (GTA)                |                          |                     |                                      |                                 |                                  |                             |
| 2012 SUB-TOTAL |             |                |                                                | 0.00                     | 0.00                | 0.07                                 | 2.21                            | 1.89                             | 44.77                       |
| TOTAL REMOVALS |             |                |                                                | 0.00                     | 0.00                | 0.52                                 | 16.40                           | 3.13                             | 76.77                       |

|                              |                |                |                |
|------------------------------|----------------|----------------|----------------|
| POST-PROJECT                 |                |                |                |
|                              | 2010           | 2012           |                |
| Suitable Habitat             | Acres<br>26.49 | BA<br>1,106.07 | Acres<br>26.49 |
| Potentially Suitable Habitat | 126.76         | 5,175.27       | 126.69         |
| Future Potential Habitat     | 57.89          | 1,425.37       | 56.00          |
| TOTAL                        | 211.14         | 7,706.71       | 209.18         |

|                                 |                                  |              |
|---------------------------------|----------------------------------|--------------|
| BA = basal area                 | Type Burn:                       | Stand Score  |
| dbh = diameter at breast height | 1=non-growing season             | 0=Unsuitable |
| hwd = hardwood                  | 2=growing season                 | 1=Suitable   |
| hgc = herbaceous ground cover   |                                  |              |
| Hardwood Midstory:              | Forest Type:                     |              |
| 1 = low, sparse                 | 10 = Yellow Pine-Upland Hardwood |              |
| 2 = low, moderate               | 13 = Loblolly Pine-Hardwood      |              |
| 3 = low, dense                  | 21 = Longleaf Pine               |              |
| 4 = medium, sparse              | 26 = Mixed Pine-Longleaf         |              |
| 5 = tall, sparse                | 31 = Loblolly Pine               |              |
| 6 = medium, moderate            |                                  |              |
| 7 = tall, moderate              |                                  |              |
| 8 = medium, dense               |                                  |              |
| 9 = tall, dense                 |                                  |              |

Appendix Table H-294. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **SHC-02, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| SHC10       | 15.31 | 76       | 31          | 25.77                | 5.50              | 4.95                  | 4.00               | 12.00               | 23.50            | 15.49               | 13.07                | 6.34               | 20.00           | 27.50            | 53.00                         | 7                            | 19      | 53           | 3                               | 1         | 3.53               | PS          |                  |             |                              | 15.31                   | 421.03                   |                     |
| SHC11       | 11.19 | 76       | 26          | 28.07                | 6.50              | 11.19                 | 8.00               | 15.52               | 30.00            | 7.83                | 2.57                 | 1.68               | 4.50            | 38.00            | 49.00                         | 2                            | 19      | 14           | 3                               | 1         | 4.25               | PS          |                  |             |                              | 11.19                   | 425.22                   |                     |
| SHC12       | 1.30  | 50       | 13          | 39.10                | 15.56             | 77.90                 | 53.33              | 18.88               | 24.44            | 8.70                | 13.69                | 3.01               | 13.33           | 77.78            | 106.67                        | 7                            | 26      | 15           | 3                               | 1         | 3.92               | PS          |                  |             |                              | 1.30                    | 101.11                   |                     |
| SHC25       | 14.67 | 80       | 10          | 22.48                | 6.00              | 9.22                  | 6.00               | 16.98               | 34.00            | 37.13               | 9.90                 | 7.58               | 19.50           | 40.00            | 65.50                         | 7                            | 17      | 40           | 0                               | 0         | 3.63               | PS          |                  |             |                              | 14.67                   | 586.80                   |                     |
| SHC26       | 34.05 | 51       | 31          | 24.88                | 6.92              | 9.63                  | 6.92               | 22.95               | 41.54            | 13.54               | 5.02                 | 2.12               | 8.46            | 48.46            | 63.85                         | 8                            | 25      | 18           | 3                               | 1         | 4.03               | PS          |                  |             |                              | 34.05                   | 1,650.06                 |                     |
| SHC27       | 36.38 | 83       | 26          | 31.65                | 9.50              | 10.32                 | 8.00               | 19.48               | 35.00            | 2.65                | 1.75                 | 0.35               | 2.50            | 43.00            | 55.00                         | 5                            | 27      | 7            | 3                               | 1         | 4.39               | PS          |                  |             |                              |                         |                          |                     |
| SHC29       | 1.77  | 50       | 13          | 34.39                | 12.00             | 16.45                 | 12.00              | 9.98                | 14.00            | 0.00                | 0.00                 | 1.61               | 2.00            | 26.00            | 40.00                         | 7                            | 22      | 6            | 3                               | 1         | 3.37               | PS          |                  |             |                              | 1.77                    | 46.02                    |                     |
| SHC40       | 15.30 | 96       | 31          | 37.45                | 13.00             | 45.25                 | 30.50              | 10.24               | 14.00            | 8.95                | 0.53                 | 0.72               | 2.00            | 44.50            | 59.50                         | 1                            | 30      | 2            | 3                               | 1         | 4.00               | PS          |                  |             |                              | 15.30                   | 680.85                   |                     |
| SHC41       | 24.91 | 92       | 31          | 50.97                | 14.38             | 4.43                  | 3.13               | 9.88                | 21.25            | 5.95                | 1.96                 | 2.17               | 5.63            | 24.38            | 44.38                         | 6                            | 11      | 22           | 3                               | 1         | 3.66               | PS          |                  |             |                              | 24.91                   | 607.31                   |                     |
| SHC52       | 3.70  | 11       | 31          | 194.74               | 47.50             | 28.14                 | 17.50              | 0.00                | 0.00             | 26.12               | 9.56                 | 3.52               | 10.00           | 17.50            | 75.00                         | 5                            | 3       | 32           | 3                               | 1         | 1.89               | NH          |                  |             |                              | 3.70                    | 64.75                    |                     |
| SHC55       | 13.44 | 86       | 21          | 38.42                | 8.95              | 4.68                  | 3.16               | 8.86                | 20.53            | 0.00                | 0.00                 | 0.00               | 0.00            | 23.68            | 32.63                         | 1                            | 62      | 0            | 3                               | 1         | 4.20               | PS          |                  |             |                              | 13.44                   | 318.26                   |                     |
| SHC66       | 40.81 | 99       | 13          | 12.13                | 4.62              | 12.52                 | 9.23               | 12.76               | 22.31            | 9.24                | 7.88                 | 4.24               | 13.08           | 31.54            | 49.23                         | 6                            | 8       | 32           | 0                               | 0         | 3.41               | PS          |                  |             |                              | 40.81                   | 1,287.15                 |                     |
| 212.83      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |             | 0.00             | 0.00        | 36.38                        | 1,564.34                | 176.45                   | 6,188.56            |

| REMOVALS       |             |                |                                                |                          |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|------------------------------------------------|--------------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                                   | Suitable Acreage Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| SHC29          | 2010        | 70027772457    | Classrooms with BN Dining Facilities (GTA)     |                          |                                      |                                 | 1.09                             | 28.34                       |
| SHC41          | 2010        | 69150          | Classrooms and Dual BN Dining Facilities (GTA) |                          |                                      |                                 | 0.15                             | 3.66                        |
| SHC66          | 2010        | 69150          | Classrooms and Dual BN Dining Facilities (GTA) |                          |                                      |                                 | 0.45                             | 14.19                       |
| 2009 SUB-TOTAL |             |                |                                                | 0.00                     | 0.00                                 | 0.00                            | 1.69                             | 46.19                       |
| SHC41          | 2012        | 65246          | Recreation Centers, Sand Hill                  |                          |                                      |                                 | 0.02                             | 0.49                        |
| SHC55          | 2012        | 65246          | Recreation Centers, Sand Hill                  |                          |                                      |                                 | 1.87                             | 44.28                       |
| SHC66          | 2012        | 69745          | Training Barracks Complex (GTA)                |                          |                                      |                                 | 0.07                             | 2.21                        |
| 2010 SUB-TOTAL |             |                |                                                | 0.00                     | 0.00                                 | 0.00                            | 1.96                             | 46.98                       |
| TOTAL REMOVALS |             |                |                                                | 0.00                     | 0.00                                 | 0.00                            | 3.65                             | 93.17                       |

| POST-PROJECT                 |        |          |        |          |
|------------------------------|--------|----------|--------|----------|
|                              | 2010   |          | 2012   |          |
|                              | Acres  | BA       | Acres  | BA       |
| Suitable Habitat             | 0.00   | 0.00     | 0.00   | 0.00     |
| Potentially Suitable Habitat | 36.38  | 1,564.34 | 36.38  | 1,564.34 |
| Future Potential Habitat     | 174.76 | 6,142.37 | 172.80 | 6,095.39 |
| TOTAL                        | 211.14 | 7,706.71 | 209.18 | 7,659.73 |

|                                |                                  |                          |
|--------------------------------|----------------------------------|--------------------------|
| Key:                           |                                  |                          |
| BA= basal area                 | Type Burn:                       | Suitability              |
| dbh= diameter at breast height | 0= no data available             | CS= currently suitable   |
| hwd= hardwood                  | 1= non-growing season            | PS= potentially suitable |
| hgc= herbaceous ground cover   | 2= growing season                | NH= non-habitat          |
| Hardwood Midstory:             |                                  |                          |
| 1 = low, sparse                | 10 = Yellow Pine-Upland Hardwood |                          |
| 2 = low, moderate              | 13 = Loblolly Pine-Hardwood      |                          |
| 3 = low, dense                 | 21 = Longleaf Pine               |                          |
| 4 = medium, sparse             | 26 = Mixed Pine-Longleaf         |                          |
| 5 = tall, sparse               | 31 = Loblolly Pine               |                          |
| 6 = medium, moderate           |                                  |                          |
| 7 = tall, moderate             |                                  |                          |
| 8 = medium, dense              |                                  |                          |
| 9 = tall, dense                |                                  |                          |

Appendix Table H-295. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **T02-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height, Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| J0218       | 1.49  | 40       | 31          | 18.17                | 5.50              | 14.66                 | 9.50               | 11.84               | 17.50            | 5.56                | 1.15                 | 2.11               | 5.50            | 27.00            | 38.00                         | 1                            | 17      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 1.49                     | 40.23               |
| J0218       | 13.97 | 40       | 31U         | 18.17                | 5.50              | 14.66                 | 9.50               | 11.84               | 17.50            | 5.56                | 1.15                 | 2.11               | 5.50            | 27.00            | 38.00                         | 1                            | 17      | 11           | 3                               | 1         | 0                  |                  |             |                              |                         | 13.97                    | 377.19              |
| J0326       | 0.62  | 96       | 25          | 59.37                | 15.00             | 24.78                 | 16.00              | 13.63               | 20.50            | 22.64               | 5.28                 | 2.64               | 8.50            | 36.50            | 60.00                         | 1                            | 18      | 17           | 3                               | 1         | 1                  |                  |             |                              |                         |                          |                     |
| J0329       | 28.65 | 46       | 25          | 47.54                | 15.00             | 30.67                 | 21.00              | 9.80                | 15.50            | 11.95               | 1.46                 | 0.39               | 2.00            | 36.50            | 53.50                         | 2                            | 40      | 4            | 3                               | 1         | 1                  | 0.62             | 22.63       |                              |                         |                          |                     |
| pp242*      | 6.27  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  | 28.65       | 1,045.73                     |                         |                          |                     |
| pp683*      | 1.94  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 6.27                     | 0.00                |
| pp933*      | 1.31  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 1.94                     | 0.00                |
| T0204       | 1.01  | 96       | 10          | 4.77                 | 2.00              | 10.94                 | 7.00               | 10.04               | 21.50            | 27.16               | 22.17                | 13.12              | 37.50           | 28.50            | 68.00                         | 7                            | 17      | 63           | 3                               | 1         | 0                  |                  |             |                              |                         | 1.01                     | 28.79               |
| T0206       | 6.99  | 85       | 31          | 6.06                 | 2.86              | 8.29                  | 5.71               | 2.31                | 2.86             | 0.00                | 6.05                 | 2.63               | 8.57            | 8.57             | 20.00                         | 2                            | 17      | 45           | 3                               | 1         | 0                  |                  |             |                              |                         | 6.99                     | 59.90               |
| T0209       | 4.39  | 63       | 21          | 38.25                | 10.50             | 21.12                 | 14.00              | 5.08                | 7.00             | 3.67                | 2.28                 | 2.55               | 6.00            | 21.00            | 37.50                         | 2                            | 28      | 16           | 3                               | 1         | 0                  |                  |             |                              |                         | 4.39                     | 92.19               |
| T0210       | 56.56 | 56       | 21          | 36.26                | 9.50              | 16.50                 | 11.50              | 7.63                | 12.00            | 9.09                | 5.87                 | 2.05               | 7.50            | 23.50            | 40.50                         | 1                            | 31      | 25           | 3                               | 1         | 0                  |                  |             |                              |                         | 56.56                    | 1,329.16            |
| T0214       | 7.79  | 73       | 21          | 23.38                | 6.00              | 2.72                  | 2.00               | 5.69                | 10.00            | 21.45               | 6.89                 | 5.72               | 14.50           | 12.00            | 32.50                         | 5                            | 24      | 60           | 3                               | 1         | 0                  |                  |             |                              |                         | 7.79                     | 93.48               |
| T0216       | 10.89 | 67       | 21          | 54.42                | 14.00             | 19.87                 | 13.50              | 8.28                | 12.00            | 11.74               | 1.77                 | 0.49               | 2.50            | 25.50            | 42.00                         | 1                            | 28      | 7            | 3                               | 1         | 0                  |                  |             |                              |                         | 10.89                    | 277.70              |
| T0218       | 27.71 | 67       | 21          | 29.02                | 8.00              | 17.87                 | 12.00              | 6.58                | 10.50            | 20.59               | 3.41                 | 5.44               | 12.50           | 22.50            | 43.00                         | 3                            | 26      | 27           | 3                               | 2         | 0                  |                  |             |                              |                         | 27.71                    | 623.48              |
| T0226       | 5.01  | 62       | 11          | 39.38                | 11.50             | 14.62                 | 9.50               | 5.11                | 7.00             | 20.54               | 6.13                 | 4.01               | 11.00           | 16.50            | 39.00                         | 5                            | 29      | 34           | 3                               | 2         | 0                  |                  |             |                              |                         | 5.01                     | 82.67               |
| 174.60      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                              |         |              |                                 |           |                    | 29.27            | 1,068.36    | 0.00                         | 0.00                    | 145.33                   | 3,004.79            |

| REMOVALS       |             |                |                                      |                          |                     |                                      |                                 |
|----------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed |
| J0329          | 2009        | 65554          | Construct Training Area Roads, Paved | 5.07                     | 185.06              |                                      |                                 |
| pp242*         | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     | 1.05                                 | 0.00                            |
| T0204          | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     | 0.53                                 | 15.11                           |
| TOTAL REMOVALS |             |                |                                      | 5.07                     | 185.06              | 0.00                                 | 0.00                            |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
|                              | Acres  | BA       |
| Suitable Habitat             | 24.20  | 883.30   |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 143.75 | 2,989.68 |
| TOTAL                        | 167.95 | 3,872.98 |

**Key:**

BA= basal area      Type Burn      Stand Score

dbh= diameter at breast height      0=no data available      0=Unsuitable

hwd= hardwood      1=non-growing season      1=Suitable

hgc= herbaceous ground cover      2=growing season

Hardwood Midstory      Forest Type:

1 = low, sparse      10 = Yellow Pine-Upland Hardwood

2 = low, moderate      11 = Longleaf Pine-Hardwood

3 = low, dense      21 = Longleaf Pine

4 = medium, sparse      21P = Longleaf Pine Plantation

5 = tall, sparse      25 = Mixed Pine

6 = medium, moderate      31 = Loblolly Pine

7 = tall, moderate      31U = Loblolly Pine Underplanted

8 = medium, dense

9 = tall, dense

\* Note: No pine data was collected for pine plantation stands less than 30 years old.

Appendix Table H-296. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **T02-01, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |             |              |                                 |           |                    |             |                  |                                 |                         |                          |                     |      |        |          |
|-------------|-------|----------|-------------|----------------------|-------------------|-----------------------|--------------------|---------------------|------------------|---------------------|----------------------|--------------------|-----------------|------------------|-------------------------------|---------------------|-------------|-------------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|---------------------------------|-------------------------|--------------------------|---------------------|------|--------|----------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4-10" dbh | Pine BA 4-10" dbh | Pine Stems 10-14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4-10" dbh | Hwd Stems 10-14" dbh | Hwd Stems >14" dbh | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height | Hwd Density | Hwd GGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Potentially Suitable BA Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |      |        |          |
| J0218       | 1.49  | 40       | 31          | 18.17                | 5.50              | 14.66                 | 9.50               | 11.84               | 17.50            | 5.56                | 1.15                 | 2.11               | 5.50            | 27.00            | 38.00                         | 1                   | 17          | 11          | 3            | 1                               | 3.66      | PS                 |             |                  |                                 |                         | 1.49                     | 40.23               |      |        |          |
| J0218       | 13.97 | 40       | 31U         | 18.17                | 5.50              | 14.66                 | 9.50               | 11.84               | 17.50            | 5.56                | 1.15                 | 2.11               | 5.50            | 27.00            | 38.00                         | 1                   | 17          | 11          | 3            | 1                               | 3.66      | PS                 |             |                  |                                 |                         | 13.97                    | 377.19              |      |        |          |
| J0326       | 0.62  | 96       | 25          | 59.37                | 15.00             | 24.78                 | 16.00              | 13.63               | 20.50            | 22.64               | 5.28                 | 2.64               | 8.50            | 36.50            | 60.00                         | 1                   | 18          | 17          | 3            | 1                               | 4.14      | PS                 |             |                  |                                 |                         | 0.62                     | 22.63               |      |        |          |
| J0329       | 28.65 | 46       | 25          | 47.54                | 15.00             | 30.67                 | 21.00              | 9.80                | 15.50            | 11.95               | 1.46                 | 0.39               | 2.00            | 36.50            | 53.50                         | 2                   | 40          | 4           | 3            | 1                               | 3.90      | PS                 |             |                  |                                 |                         | 28.65                    | 1,045.73            |      |        |          |
| pp242*      | 6.27  | 9        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0           | 0            | 0                               | 1.91      | NH                 |             |                  |                                 |                         | 6.27                     | 0.00                |      |        |          |
| pp683*      | 1.94  | 5        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0           | 0            | 0                               | 1.91      | NH                 |             |                  |                                 |                         | 1.94                     | 0.00                |      |        |          |
| pp933*      | 1.31  | 2        | 21P         | 0.00                 | 0.00              | 0.00                  | 0.00               | 0.00                | 0.00             | 0.00                | 0.00                 | 0.00               | 0.00            | 0.00             | 0.00                          | 0                   | 0           | 0           | 0            | 0                               | 1.91      | NH                 |             |                  |                                 |                         | 1.31                     | 0.00                |      |        |          |
| T0204       | 1.01  | 96       | 10          | 4.77                 | 2.00              | 10.94                 | 7.00               | 10.04               | 21.50            | 27.16               | 22.17                | 13.12              | 37.50           | 28.50            | 68.00                         | 7                   | 17          | 63          | 3            | 1                               | 3.55      | PS                 |             |                  |                                 |                         | 1.01                     | 28.79               |      |        |          |
| T0206       | 6.99  | 85       | 31          | 6.06                 | 2.86              | 8.29                  | 5.71               | 2.31                | 2.86             | 0.00                | 6.05                 | 2.63               | 8.57            | 8.57             | 20.00                         | 2                   | 17          | 45          | 3            | 1                               | 2.93      | PS                 |             |                  |                                 |                         | 6.99                     | 59.90               |      |        |          |
| T0209       | 4.39  | 63       | 21          | 38.25                | 10.50             | 21.12                 | 14.00              | 5.08                | 7.00             | 3.67                | 2.28                 | 2.55               | 6.00            | 21.00            | 37.50                         | 2                   | 28          | 16          | 3            | 1                               | 3.49      | PS                 |             |                  |                                 |                         | 4.39                     | 92.19               |      |        |          |
| T0210       | 56.56 | 56       | 21          | 36.26                | 9.50              | 16.50                 | 11.50              | 7.63                | 12.00            | 9.09                | 5.87                 | 2.05               | 7.50            | 23.50            | 40.50                         | 1                   | 31          | 25          | 3            | 1                               | 3.49      | PS                 |             |                  |                                 |                         | 56.56                    | 1,329.16            |      |        |          |
| T0214       | 7.79  | 73       | 21          | 23.38                | 6.00              | 2.72                  | 2.00               | 5.69                | 10.00            | 21.45               | 6.89                 | 5.72               | 14.50           | 12.00            | 32.50                         | 5                   | 24          | 60          | 3            | 1                               | 3.22      | PS                 |             |                  |                                 |                         | 7.79                     | 93.48               |      |        |          |
| T0216       | 10.89 | 67       | 21          | 54.42                | 14.00             | 19.87                 | 13.50              | 8.28                | 12.00            | 11.74               | 1.77                 | 0.49               | 2.50            | 25.50            | 42.00                         | 1                   | 28          | 7           | 3            | 1                               | 3.68      | PS                 |             |                  |                                 |                         | 10.89                    | 277.70              |      |        |          |
| T0218       | 27.71 | 67       | 21          | 29.02                | 8.00              | 17.87                 | 12.00              | 6.58                | 10.50            | 20.59               | 3.41                 | 5.44               | 12.50           | 22.50            | 43.00                         | 3                   | 26          | 27          | 3            | 2                               | 3.70      | PS                 |             |                  |                                 |                         | 27.71                    | 623.48              |      |        |          |
| T0226       | 5.01  | 62       | 11          | 39.38                | 11.50             | 14.62                 | 9.50               | 5.11                | 7.00             | 20.54               | 6.13                 | 4.01               | 11.00           | 16.50            | 39.00                         | 5                   | 29          | 34          | 3            | 2                               | 3.18      | PS                 |             |                  |                                 |                         | 5.01                     | 82.67               |      |        |          |
| 174.60      |       |          |             |                      |                   |                       |                    |                     |                  |                     |                      |                    |                 |                  |                               |                     |             |             |              |                                 |           |                    |             |                  |                                 | 0.00                    | 0.00                     | 0.00                | 0.00 | 174.60 | 4,073.15 |

| REMOVALS              |             |                |                                      |                          |                     |                                      |                                 |                                  |                             |
|-----------------------|-------------|----------------|--------------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand                 | Fiscal Year | Project Number | Project Name                         | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| J0329                 | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 5.07                             | 185.06                      |
| pp242*                | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 1.05                             | 0.00                        |
| T0204                 | 2009        | 65554          | Construct Training Area Roads, Paved |                          |                     |                                      |                                 | 0.53                             | 15.11                       |
| <b>TOTAL REMOVALS</b> |             |                |                                      | <b>0.00</b>              | <b>0.00</b>         | <b>0.00</b>                          | <b>0.00</b>                     | <b>6.65</b>                      | <b>200.17</b>               |

| POST-PROJECT                 |        |          |
|------------------------------|--------|----------|
|                              | 2009   |          |
| Suitable Habitat             | Acres  | BA       |
|                              | 0.00   | 0.00     |
| Potentially Suitable Habitat | 0.00   | 0.00     |
| Future Potential Habitat     | 167.95 | 3,872.98 |
| TOTAL                        | 167.95 | 3,872.98 |

| Key:                                                                                  |                                  |                          |
|---------------------------------------------------------------------------------------|----------------------------------|--------------------------|
| BA= basal area                                                                        | Type Burn                        | Suitability              |
| dbh= diameter at breast height                                                        | 0=no data available              | CS= currently suitable   |
| hwd= hardwood                                                                         | 1=non-growing season             | PS= potentially suitable |
| hgcc= herbaceous ground cover                                                         | 2=growing season                 | NH= non-habitat          |
| Hardwood Midstory:                                                                    | Forest Type:                     |                          |
| 1 = low, sparse                                                                       | 10 = Yellow Pine-Upland Hardwood |                          |
| 2 = low, moderate                                                                     | 11 = Longleaf Pine-Hardwood      |                          |
| 3 = low, dense                                                                        | 21 = Longleaf Pine               |                          |
| 4 = medium, sparse                                                                    | 21P = Longleaf Pine Plantation   |                          |
| 5 = tall, sparse                                                                      | 25 = Mixed Pine                  |                          |
| 6 = medium, moderate                                                                  | 31 = Loblolly Pine               |                          |
| 7 = tall, moderate                                                                    | 31U = Loblolly Pine Underplanted |                          |
| 8 = medium, dense                                                                     |                                  |                          |
| 9 = tall, dense                                                                       |                                  |                          |
| * Note: No pine data was collected for pine plantation stands less than 30 years old. |                                  |                          |

Appendix Table H-297. Red-cockaded woodpecker foraging habitat totals and project removals using the **Standard for Managed Stability** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **T02-02F, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia

| PRE-PROJECT                                                                                                                                                                  |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------------------------------|--------------------------|-------------------|--------------------------------------|--------------------|---------------------------------|------------------|----------------------------------|-----------------------|-----------------------------|-----------------|------------------|-------------------------------|------------------------------|---------|--------------|---------------------------------|-----------|--------------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand                                                                                                                                                                        | Acres       | Pine Age       | Forest Type                     | Pine Stems 4-10" dbh     | Pine BA 4-10" dbh | Pine Stems 10-14" dbh                | Pine BA 10-14" dbh | Pine stems >14" dbh             | Pine BA >14" dbh | Hwd. Stems 4-10" dbh             | Hwd. Stems 10-14" dbh | Hwd. Stems >14" dbh         | Hwd BA >10" dbh | Pine BA >10" dbh | Total Stand BA (Pines + Hwds) | Hwd. Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp243*                                                                                                                                                                       | 3.42        | 9              | 21P                             | 0.00                     | 0.00              | 0.00                                 | 0.00               | 0.00                            | 0.00             | 0.00                             | 0.00                  | 0.00                        | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 3.42                     | 0.00                |
| pp244*                                                                                                                                                                       | 4.00        | 9              | 21P                             | 0.00                     | 0.00              | 0.00                                 | 0.00               | 0.00                            | 0.00             | 0.00                             | 0.00                  | 0.00                        | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 0                               | 0         | 0                  |                  |             |                              |                         | 4.00                     | 0.00                |
| R0219                                                                                                                                                                        | 0.01        | 89             | 26                              | 43.79                    | 13.16             | 17.03                                | 11.58              | 17.60                           | 28.95            | 15.84                            | 8.35                  | 5.97                        | 15.26           | 40.53            | 68.95                         | 1                            | 6       | 29           | 3                               | 1         | 1                  | 0.00             | 0.00        |                              |                         |                          |                     |
| T0214                                                                                                                                                                        | 21.10       | 73             | 21                              | 23.38                    | 6.00              | 2.72                                 | 2.00               | 5.69                            | 10.00            | 21.45                            | 6.89                  | 5.72                        | 14.50           | 12.00            | 32.50                         | 5                            | 24      | 60           | 3                               | 1         | 0                  |                  |             |                              |                         | 21.10                    | 253.20              |
| T0215                                                                                                                                                                        | 8.49        | 94             | 31                              | 80.54                    | 21.25             | 20.36                                | 13.75              | 3.17                            | 5.00             | 13.80                            | 8.32                  | 2.74                        | 10.00           | 18.75            | 50.00                         | 5                            | 19      | 32           | 3                               | 1         | 0                  |                  |             |                              |                         | 8.49                     | 159.19              |
| T0216                                                                                                                                                                        | 8.32        | 67             | 21                              | 54.42                    | 14.00             | 19.87                                | 13.50              | 8.28                            | 12.00            | 11.74                            | 1.77                  | 0.49                        | 2.50            | 25.50            | 42.00                         | 1                            | 28      | 7            | 3                               | 1         | 0                  |                  |             |                              |                         | 8.32                     | 212.16              |
| T0218                                                                                                                                                                        | 2.45        | 67             | 21                              | 29.02                    | 8.00              | 17.87                                | 12.00              | 6.58                            | 10.50            | 20.59                            | 3.41                  | 5.44                        | 12.50           | 22.50            | 43.00                         | 3                            | 26      | 27           | 3                               | 2         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| T0220                                                                                                                                                                        | 50.40       | 109            | 13                              | 0.00                     | 0.00              | 4.24                                 | 3.50               | 22.11                           | 46.00            | 99.66                            | 21.73                 | 7.04                        | 28.50           | 49.50            | 78.00                         | 5                            | 3       | 52           | 3                               | 2         | 0                  |                  |             | 50.40                        | 2,494.80                |                          |                     |
| T0224                                                                                                                                                                        | 7.33        | 57             | 21                              | 13.12                    | 5.71              | 6.12                                 | 4.29               | 16.42                           | 30.00            | 0.00                             | 0.00                  | 3.63                        | 5.71            | 34.29            | 45.71                         | 5                            | 21      | 14           | 3                               | 2         | 0                  |                  |             | 7.33                         | 251.35                  |                          |                     |
| T0225                                                                                                                                                                        | 10.48       | 89             | 21                              | 42.28                    | 14.00             | 21.27                                | 14.00              | 1.54                            | 2.00             | 5.82                             | 2.40                  | 4.74                        | 9.00            | 16.00            | 39.00                         | 4                            | 29      | 24           | 3                               | 2         | 0                  |                  |             |                              |                         | 10.48                    | 167.68              |
| T0226                                                                                                                                                                        | 30.37       | 62             | 11                              | 39.38                    | 11.50             | 14.62                                | 9.50               | 5.11                            | 7.00             | 20.54                            | 6.13                  | 4.01                        | 11.00           | 16.50            | 39.00                         | 5                            | 29      | 34           | 3                               | 2         | 0                  |                  |             |                              |                         | 30.37                    | 501.11              |
| T0228                                                                                                                                                                        | 16.88       | 57             | 31                              | 48.67                    | 12.35             | 15.51                                | 10.00              | 7.97                            | 13.53            | 11.76                            | 6.67                  | 4.58                        | 11.18           | 23.53            | 47.06                         | 7                            | 18      | 32           | 3                               | 2         | 0                  |                  |             |                              |                         | 16.88                    | 397.19              |
| T0230                                                                                                                                                                        | 2.42        | 54             | ND                              | 0.00                     | 0.00              | 0.00                                 | 0.00               | 0.00                            | 0.00             | 0.00                             | 0.00                  | 0.00                        | 0.00            | 0.00             | 0.00                          | 0                            | 0       | 0            | 3                               | 2         | 0                  |                  |             |                              |                         | 0.00                     | 0.00                |
| 165.67                                                                                                                                                                       |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    | 0.00             | 0.00        | 57.73                        | 2,746.15                | 103.06                   | 1,690.53            |
| REMOVALS                                                                                                                                                                     |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Stand                                                                                                                                                                        | Fiscal Year | Project Number | Project Name                    | Suitable Acreage Removed |                   | Potentially Suitable Acreage Removed |                    | Potentially Suitable BA Removed |                  | Future Potential Acreage Removed |                       | Future Potential BA Removed |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| T0220                                                                                                                                                                        | 2012        | 62953          | Rail Loading Facility Expansion |                          |                   | 7.61                                 |                    | 376.70                          |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| TOTAL REMOVALS                                                                                                                                                               |             |                |                                 | 0.00                     |                   | 0.00                                 |                    | 7.61                            |                  | 376.70                           |                       | 0.00                        |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| POST-PROJECT                                                                                                                                                                 |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
|                                                                                                                                                                              |             |                |                                 | 2012                     |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Suitable Habitat                                                                                                                                                             |             |                |                                 | 0.00                     | 0.00              |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Potentially Suitable Habitat                                                                                                                                                 |             |                |                                 | 50.12                    | 2,369.45          |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Future Potential Habitat                                                                                                                                                     |             |                |                                 | 103.06                   | 1,690.53          |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| TOTAL                                                                                                                                                                        |             |                |                                 | 153.18                   | 4,059.98          |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Key:                                                                                                                                                                         |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| BA = basal area                                                                                                                                                              |             |                |                                 |                          |                   |                                      |                    |                                 |                  | Type Burn:                       |                       |                             |                 |                  | Stand Score                   |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| dbh = diameter at breast height                                                                                                                                              |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 0=no data available              |                       |                             |                 |                  | 0=Unsuitable                  |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| hwd = hardwood                                                                                                                                                               |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 1=non-growing season             |                       |                             |                 |                  | 1=Suitable                    |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| hgc = herbaceous ground cover                                                                                                                                                |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 2=growing season                 |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Hardwood Midstory:                                                                                                                                                           |             |                |                                 |                          |                   |                                      |                    |                                 |                  | Forest Type:                     |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 1 = low, sparse                                                                                                                                                              |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 11 = Longleaf Pine-Hardwood      |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 2 = low, moderate                                                                                                                                                            |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 13 = Loblolly Pine-Hardwood      |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 3 = low, dense                                                                                                                                                               |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 21 = Longleaf Pine               |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 4 = medium, sparse                                                                                                                                                           |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 21P = Longleaf Pine Plantation   |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 5 = tall, sparse                                                                                                                                                             |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 26 = Mixed Pine-Longleaf         |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 6 = medium, moderate                                                                                                                                                         |             |                |                                 |                          |                   |                                      |                    |                                 |                  | 31 = Loblolly Pine               |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 7 = tall, moderate                                                                                                                                                           |             |                |                                 |                          |                   |                                      |                    |                                 |                  | ND = no data provided            |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 8 = medium, dense                                                                                                                                                            |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| 9 = tall, dense                                                                                                                                                              |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| *Note: No pine data was collected for pine plantation stands less than 30 years old.                                                                                         |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |
| Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition. |             |                |                                 |                          |                   |                                      |                    |                                 |                  |                                  |                       |                             |                 |                  |                               |                              |         |              |                                 |           |                    |                  |             |                              |                         |                          |                     |

Appendix Table H-298. Red-cockaded woodpecker foraging habitat totals and project removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Fort Benning Cluster **T02-02R, Alternatives A and B** for proposed Maneuver Center of Excellence projects, Muscogee and Chattahoochee Counties, Georgia.

| PRE-PROJECT |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    |             |                  |             |                              |                         |                          |                     |
|-------------|-------|----------|-------------|----------------------|--------------------|------------------------|--------------------|---------------------|------------------|----------------------|-----------------------|---------------------|------------------|-------------------|-------------------------------|-----------------------------|---------|--------------|---------------------------------|-----------|--------------------|-------------|------------------|-------------|------------------------------|-------------------------|--------------------------|---------------------|
| Stand       | Acres | Pine Age | Forest Type | Pine Stems 4 10" dbh | Pine BA 4- 10" dbh | Pine Stems 10- 14" dbh | Pine BA 10-14" dbh | Pine stems >14" dbh | Pine BA >14" dbh | Hwd Stems 4- 10" dbh | Hwd Stems 10- 14" dbh | Hwd Stems > 14" dbh | Hwd BA > 10" dbh | Pine BA > 10" dbh | Total Stand BA (Pines + Hwds) | Hwd Midstory Height Density | HGC (%) | % Hwd Canopy | Number of years since last burn | Burn Type | Matrix Stand Score | Suitability | Suitable Acreage | Suitable BA | Potentially Suitable Acreage | Potentially Suitable BA | Future Potential Acreage | Future Potential BA |
| pp243*      | 3.42  | 9        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 3.42                    | 0.00                     |                     |
| pp244*      | 4.00  | 9        | 21P         | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 0                               | 0         | 1.91               | NH          |                  |             |                              | 4.00                    | 0.00                     |                     |
| R0219       | 0.01  | 89       | 26          | 43.79                | 13.16              | 17.03                  | 11.58              | 17.60               | 28.95            | 15.84                | 8.35                  | 5.97                | 15.26            | 40.53             | 68.95                         | 1                           | 6       | 29           | 3                               | 1         | 4.03               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |
| T0214       | 21.10 | 73       | 21          | 23.38                | 6.00               | 2.72                   | 2.00               | 5.69                | 10.00            | 21.45                | 6.89                  | 5.72                | 14.50            | 12.00             | 32.50                         | 5                           | 24      | 60           | 3                               | 1         | 3.22               | PS          |                  |             |                              | 21.10                   | 253.20                   |                     |
| T0215       | 8.49  | 94       | 31          | 80.54                | 21.25              | 20.36                  | 13.75              | 3.17                | 5.00             | 13.80                | 8.32                  | 2.74                | 10.00            | 18.75             | 50.00                         | 5                           | 19      | 32           | 3                               | 1         | 2.73               | PS          |                  |             |                              | 8.49                    | 159.19                   |                     |
| T0216       | 8.32  | 67       | 21          | 54.42                | 14.00              | 19.87                  | 13.50              | 8.28                | 12.00            | 11.74                | 1.77                  | 0.49                | 2.50             | 25.50             | 42.00                         | 1                           | 28      | 7            | 3                               | 1         | 3.68               | PS          |                  |             |                              | 8.32                    | 212.16                   |                     |
| T0218       | 2.45  | 67       | 21          | 29.02                | 8.00               | 17.87                  | 12.00              | 6.58                | 10.50            | 20.59                | 3.41                  | 5.44                | 12.50            | 22.50             | 43.00                         | 3                           | 26      | 27           | 3                               | 2         | 3.70               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |
| T0220       | 50.40 | 109      | 13          | 0.00                 | 0.00               | 4.24                   | 3.50               | 22.11               | 46.00            | 99.66                | 21.73                 | 7.04                | 28.50            | 49.50             | 78.00                         | 5                           | 3       | 52           | 3                               | 2         | 4.12               | PS          |                  | 50.40       | 2,494.80                     |                         |                          |                     |
| T0224       | 7.33  | 57       | 21          | 13.12                | 5.71               | 6.12                   | 4.29               | 16.42               | 30.00            | 0.00                 | 0.00                  | 3.63                | 5.71             | 34.29             | 45.71                         | 5                           | 21      | 14           | 3                               | 2         | 4.17               | PS          |                  |             |                              | 7.33                    | 251.35                   |                     |
| T0225       | 10.48 | 89       | 21          | 42.28                | 14.00              | 21.27                  | 14.00              | 1.54                | 2.00             | 5.82                 | 2.40                  | 4.74                | 9.00             | 16.00             | 39.00                         | 4                           | 29      | 24           | 3                               | 2         | 3.05               | PS          |                  |             |                              | 10.48                   | 167.68                   |                     |
| T0226       | 30.37 | 62       | 11          | 39.38                | 11.50              | 14.62                  | 9.50               | 5.11                | 7.00             | 20.54                | 6.13                  | 4.01                | 11.00            | 16.50             | 39.00                         | 5                           | 29      | 34           | 3                               | 2         | 3.18               | PS          |                  |             |                              | 30.37                   | 501.11                   |                     |
| T0228       | 16.88 | 57       | 31          | 48.67                | 12.35              | 15.51                  | 10.00              | 7.97                | 13.53            | 11.76                | 6.67                  | 4.58                | 11.18            | 23.53             | 47.06                         | 7                           | 18      | 32           | 3                               | 2         | 3.00               | PS          |                  |             |                              | 16.88                   | 397.19                   |                     |
| T0230       | 2.42  | 54       | ND          | 0.00                 | 0.00               | 0.00                   | 0.00               | 0.00                | 0.00             | 0.00                 | 0.00                  | 0.00                | 0.00             | 0.00              | 0.00                          | 0                           | 0       | 0            | 3                               | 2         | 2.63               | PS          |                  |             |                              | 0.00                    | 0.00                     |                     |
| 165.67      |       |          |             |                      |                    |                        |                    |                     |                  |                      |                       |                     |                  |                   |                               |                             |         |              |                                 |           |                    | 0.00        | 0.00             | 50.40       | 2,494.80                     | 110.39                  | 1,941.88                 |                     |

| REMOVALS       |             |                |                                 |                          |                     |                                      |                                 |                                  |                             |
|----------------|-------------|----------------|---------------------------------|--------------------------|---------------------|--------------------------------------|---------------------------------|----------------------------------|-----------------------------|
| Stand          | Fiscal Year | Project Number | Project Name                    | Suitable Acreage Removed | Suitable BA Removed | Potentially Suitable Acreage Removed | Potentially Suitable BA Removed | Future Potential Acreage Removed | Future Potential BA Removed |
| T0220          | 2012        | 62953          | Rail Loading Facility Expansion |                          |                     | 7.61                                 | 376.70                          |                                  |                             |
| TOTAL REMOVALS |             |                |                                 | 0.00                     | 0.00                | 7.61                                 | 376.70                          | 0.00                             | 0.00                        |

| POST-PROJECT                 |        |          | 2009 |
|------------------------------|--------|----------|------|
| Suitable Habitat             | Acres  | BA       | 0.00 |
| Potentially Suitable Habitat | 42.79  | 2,118.10 |      |
| Future Potential Habitat     | 110.39 | 1,941.88 |      |
| TOTAL                        | 153.18 | 4,059.98 |      |

**Key:**

BA= basal area  
dbh= diameter at breast height  
hwd= hardwood  
hgc= herbaceous ground cover

Hardwood Midstory:  
1 = low, sparse  
2 = low, moderate  
3 = low, dense  
4 = medium, sparse  
5 = tall, sparse  
6 = medium, moderate  
7 = tall, moderate  
8 = medium, dense  
9 = tall, dense

Forest Type:  
11 = Longleaf Pine-Hardwood  
13 = Loblolly Pine-Hardwood  
21 = Longleaf Pine  
21P = Longleaf Pine Plantation  
26 = Mixed Pine-Longleaf  
31 = Loblolly Pine  
ND = no data provided

Suitability  
CS= currently suitable  
PS= potentially suitable  
NH= non-habitat

**\* Note:** No pine data was collected for pine plantation stands less than 30 years old.  
Non-contiguous foraging habitat according to the USFWS Recovery Plan (2003). This habitat was not counted towards the total foraging habitat available within the partition.