

**Appendix 4F
Production Summary**

| Table F1: Devils Gate Allotment Key Area DG-01 | | | | | | |
|--|--|-------------------|-------------------|-----------------|------------------|-------------------|
| Range Site: Big sagebrush/needlegrass site. Kind of ecological site not determined | | | | | | |
| Species | Total Dry Weight Production (lbs./acre)/Percent Composition of Total | | | | | |
| | 8/4/1987 | 9/4/1990 | 9/19/1994 | 8/10/2000 | 6/18/2012 | 5/28/2014 |
| GRASSES | | | | | | |
| Thurber needlegrass | 59.6/5.3 | 50.0/16.3 | 57.8/9.2 | 97.7/20.0 | 12.4/7.4 | 98.2/6.0 |
| Webber needlegrass | 6/0.5 | | 28.7/4.6 | | | |
| Squirreltail | 20.7/1.8 | 24.2/7.9 | 37/5.9 | 18.3/3.8 | 8.1/4.8 | 107.5/6.5 |
| Sandberg bluegrass | 14/1.3 | 31.7/10.4 | 24.4/3.9 | 25/5.1 | 1.7/1.0 | 40.4/2.5 |
| Indian ricegrass | | | | | 3.7/2.2 | |
| Cheatgrass | 38/3.4 | 24.4/7.9 | 8.1/1.3 | | | 14.2/0.9 |
| Total grass | 138.3/12.3 | 130.3/42.5 | 156/24.9 | 141/28.9 | 25.9/15.4 | 260.3/15.9 |
| | | | | | | |
| FORBS | | | | | | |
| Aster | Trace | | | | 8.5/5.0 | 32.5/2.0 |
| Hoods phlox | 129.7/11.5 | 17.4/5.7 | 289/46.0 | 24.7/5.0 | 30.3/18.0 | 18.1/1.1 |
| Mustard | Trace | | | | | 13.0/0.8 |
| Stoneseed | | | | | | 1.0/0.06 |
| Wild onion | | | | | | 0.14/0.01 |
| Desert parsley | 2.1/0.2 | 2.1/0.7 | | | | 1.0/0.06 |
| Lupine | | | | | | 9.4/0.6 |
| Milkvetch | Trace | | 3.2/0.5 | | | 0.9/0.06 |
| Prickly phlox | 8.4/0.7 | | 10.2/1.6 | 5.7/1.2 | | |
| Groundsmoke | | | | | | |
| Rockcress | Trace | | | 1.2/.3 | | |
| Misc. annuals | | 7.4/2.4 | | | | |
| Total forb | 140.2/12.4 | 26.9/8.8 | 302.4/48.1 | 31.6/6.5 | 38.8/23.0 | 76.0/4.7 |
| | | | | | | |
| SHRUBS | | | | | | |
| Wyoming big | 745.5/66.0 | 124.1/40.4 | 120.7/19.2 | 281.5/57.8 | 41.2/24.5 | 1051.6/63.9 |

| | | | | | | | |
|---|----------------------------|--|---------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|
| sagebrush | | | | | | | |
| Douglas rabbitbrush | 105/9.3 | | 25.6/8.4 | 48.6/7.7 | 33/6.8 | 62.4/37.0 | 239.7/14.6 |
| Horsebrush | | | | | | | 17.4/1.0 |
| Total shrub | 850.5/75.3 | | 149.7/48.8 | 169.3/26.9 | 314.5/64.6 | 103.6/61.5 | 1308.7/79.5 |
| Grand Total (lbs/acre) | 1130 | | 307 | 628 | 487 | 168.3 | 1645 |
| Ecological Status/Similarity Index** | 40.8% Mid-Seral | | 56% Late Seral | 46.4% Mid Seral | 60.5% Late Seral | 47.4% Mid-Seral | 44.4% Mid-Seral |

**** The ecological status/similarity index is a rating that indicates how similar the composition of the site is to the potential natural community (PNC). PNC is the natural plant community in the absence of abnormal disturbances and physical site deterioration and is also referred to as the historic climax plant community. PNC would be a rating from 76 – 100%. The other categories (seral stages) are: Early Seral 0 – 25%; Mid Seral 26 – 50%, and Late Seral 51 – 75%.**