

**Montana 2015 Shoulder Season "Pilot Project" Performance Criteria Evaluation**

| 2015 Harvest Criteria - Harvest needed and harvest realized. |         |            |             |       |  |                     |                                   |                      |            |                   |                     |                          |                            |
|--|---------|------------|-------------|-------|--|---------------------|-----------------------------------|----------------------|------------|-------------------|---------------------|--------------------------|----------------------------|
| Hunting District(s)  | Pop Obj | 2015 Count | 2015        |       |  |                     |                                   |                      | 2016 Count |                   |                     |                          |                            |
|  |         |            | Recruitment |       | Archery and General Seasons <sup>a</sup> |                     | All Seasons Combined <sup>b</sup> |                      |            |                   |                     |                          |                            |
|  |         |            | Cows        | Bulls | Adult Cows Needed                        | Adult Cows Realized | Adult Bulls Needed                | Adult Bulls Realized |            | Adult Cows Needed | Adult Cows Realized | Bulls+Cows+Calves Needed | Bulls+Cows+Calves Realized |
| 410  | 2300    | 3284       | 357         | 238   | 182                                      | 444                 | 121                               | 281                  | 357        | 475               | 595                 | 776                      | 3487                       |
| 445/455  | 2500    | 4102       | 455         | 303   | 232                                      | 194                 | 155                               | 159                  | 455        | 295               | 758                 | 492                      | 3976                       |
| 446  | 950     | 2148       | 263         | 175   | 134                                      | 341                 | 89                                | 256                  | 263        | 649               | 438                 | 1002                     | 2114                       |
| 449/452  | 600     | 1766       | 256         | 171   | 131                                      | 191                 | 87                                | 206                  | 256        | 308               | 427                 | 534                      | 1501                       |

<sup>a</sup>Harvest of adult bulls and cows (no calves) during the archery and general seasons must be more than 50% of recruitment for both bulls and cows.

<sup>b</sup>Harvest during all seasons combined (archery, general and shoulder seasons) must be a combined harvest of bulls, cows and calves that is more than 100% of the total recruitment.

**Pilot project late harvest, November 30, 2015 - February 15, 2016.**

| Hunting District(s) | Cows | Calves | Bulls | Total |
|---------------------|------|--------|-------|-------|
| 410                 | 32   | 0      | 0     | 32    |
| 445/455             | 102  | 24     | 0     | 126   |
| 446                 | 309  | 53     | 0     | 362   |
| 449/452             | 117  | 6      | 0     | 123   |
| Combined Total      | 560  | 83     | 0     | 643   |

**Elk harvest during 2015, the "Pilot Project" year, compared to the previous 5 years.**

| Hunting District | Year        | All Seasons Combined Harvest |            |            |           | Harvest During Different Seasons |            |               |
|------------------|-------------|------------------------------|------------|------------|-----------|----------------------------------|------------|---------------|
|                  |             | Total                        | Bulls      | Cows       | Calves    | Archery                          | General    | Late Shoulder |
| 410              | 2010        | 390                          | 199        | 185        | 6         | 179                              | 211        | 0             |
|                  | 2011        | 389                          | 160        | 213        | 16        | 161                              | 228        | 0             |
|                  | 2012        | 412                          | 185        | 220        | 8         | 172                              | 221        | 0             |
|                  | 2013        | 531                          | 219        | 307        | 5         | 185                              | 346        | 0             |
|                  | 2014        | 398                          | 234        | 152        | 12        | 198                              | 193        | 7             |
|                  | <b>2015</b> | <b>776</b>                   | <b>281</b> | <b>475</b> | <b>20</b> | <b>247</b>                       | <b>498</b> | <b>32</b>     |
| 445/455*         | 2010        | 455                          | 198        | 228        | 28        | 39                               | 405        | 11            |
|                  | 2011        | 387                          | 147        | 213        | 27        | 46                               | 340        | 0             |
|                  | 2012        | 363                          | 173        | 174        | 16        | 30                               | 311        | 13            |
|                  | 2013        | 420                          | 205        | 199        | 16        | 33                               | 360        | 26            |
|                  | 2014        | 417                          | 176        | 227        | 15        | 39                               | 372        | 7             |
|                  | <b>2015</b> | <b>492</b>                   | <b>159</b> | <b>295</b> | <b>20</b> | <b>32</b>                        | <b>335</b> | <b>126</b>    |
| 446              | 2010        | 345                          | 152        | 176        | 17        | 28                               | 317        | 0             |
|                  | 2011        | 352                          | 181        | 161        | 10        | 34                               | 318        | 0             |
|                  | 2012        | 404                          | 215        | 181        | 8         | 33                               | 357        | 0             |
|                  | 2013        | 417                          | 167        | 228        | 22        | 38                               | 379        | 0             |
|                  | 2014        | 557                          | 203        | 309        | 44        | 40                               | 514        | 3             |
|                  | <b>2015</b> | <b>1002</b>                  | <b>256</b> | <b>649</b> | <b>94</b> | <b>73</b>                        | <b>565</b> | <b>362</b>    |
| 449/452          | 2010        | 328                          | 140        | 163        | 25        | 36                               | 292        | 0             |
|                  | 2011        | 138                          | 86         | 41         | 11        | 3                                | 135        | 0             |
|                  | 2012        | 144                          | 78         | 49         | 17        | 9                                | 132        | 0             |
|                  | 2013        | 484                          | 213        | 238        | 33        | 47                               | 436        | 0             |
|                  | 2014        | 290                          | 156        | 115        | 20        | 11                               | 279        | 0             |
|                  | <b>2015</b> | <b>534</b>                   | <b>206</b> | <b>308</b> | <b>20</b> | <b>41</b>                        | <b>371</b> | <b>123</b>    |

\*There was no shoulder season in HD 455, the Beartooth WMA, but it is included here because it and HD 445 make up the Devil's Kitchen Elk Management Unit for which the population objective is established.