

**DEPARTMENT OF THE INTERIOR  
ELKO 21 FIRE COMPLEX  
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

**PART F - SPECIFICATIONS**

<b>SPECIFICATION TITLE:</b>	<b>MONITORING SHRUB REESTABLISHMENT ON CRUCIAL BIG GAME WINTER RANGE AND SAGE GROUSE HABITAT - Monitor Shrub Reestablishment</b>	<b>AGENCY:</b>	<b>BLM Elko F.O.</b>
<b>PART E LINE ITEM:</b>	<b>M-2c (BLM 98-148 III. O, V ) Monitoring and Evaluation (Monitor Shrub Reestablishment)</b>	<b>FISCAL YEAR(S) (list each year):</b>	<b>2001, 2002, 2003</b>

**I. WORK TO BE DONE**

<p><b>Number and Describe Each Task:</b></p> <p><b>A. General Description:</b> Monitor shrub reestablishment within the burned areas to identify any management actions needed to help restore ecological processes on crucial big game winter range and sage grouse habitat.</p> <p><b>B. Location (Suitable) Sites:</b> Monitor sites on key areas affected by the BAER 21 Fires that provide sage grouse habitat or critical mule deer winter range. These fires include Adobe, Camp Creek, Charlie, Choke Cherry, Rabbit, Sheep Pen, West Basin, Cold Springs, South Cricket, Three Mile, Vega, Wimpy, and 18 Mile/21 Mile Fires. See Map Index.</p> <p><b>C. Design/Construction Specifications:</b> As feasible, utilize existing key areas affected by the fires for transects. Otherwise, establish belt transects on representative areas affected by the fires. The big game winter range and sage grouse habitat monitoring will focus on two issues: A - Identifying reestablishment success by completing plant density belt transects to identify establishment of key browse species, and B- Monitor utilization of seeded key browse species using Cole Browse Method (percent of seed stalks / leaders browsed, and age and form class) along transect line to identify use of shrubs by livestock and wildlife. Final monitoring site selection to be made by a BLM representative. Site selection includes stratification of areas based on range sites, soils, slope, aspect, treatments (including seeding methods, seed mixes), and allotments, etc. This stratification will occur primarily during the first year.</p> <p><b>D. Purpose of Treatment Specifications:</b> To identify success of shrub establishment from rehab seeding. To identify utilization from livestock and wildlife in an effort to base management decisions.</p>
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**IV. TOTAL COST BY FIRE**

<b>FIRE NAME</b>	<b>UNITS (Estimated BLM -Elko Acres of Fire Perimeter)</b>	<b>COST</b>
Adobe Fire	6,860 acres	\$1,722.00
Camp Creek Fire	20,356 acres	\$2,874.00
Charlie Fire	3,021 acres	\$1,722.00
Choke Cherry Fire	31,051 acres	\$2,874.00
Cold Springs Fire	8,393 acres	\$1,722.00
Rabbit Fire	5,837 acres	\$1,722.00
South Cricket Fire	31,053 acres	\$2,881.00
Three Mile Fire	3,379 acres	\$1,722.00
Vega Fire	2,697 acres	\$1,722.00
West Basin Fire	33,221 acres	\$2,874.00
Wimpy Fire	2,869 acres	\$1,722.00
18 Mile/21 Mile Fires	642 acres	\$1,722.00
<b>TOTAL COST</b>		<b>\$25,281.00</b>