

**AUGUST 2001 FIRE COMPLEX
BURNED AREA EMERGENCY STABILIZATION REHABILITATION PLAN**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	NOXIOUS WEED MONITORING AND INVENTORY	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	#20 V-3 Monitoring	FISCAL YEAR(S) (list each year):	2002 - 2004

I. WORK TO BE DONE

Number and Describe Each Task:

- A. General Description:** Conduct long-term monitoring (3 years) to monitor vegetative recovery within the burned area in order to detect the invasion of non-native invasive weeds on roads, handlines, dozer lines and other disturbed areas within the August 2001 Fire Complex area. Monitor existing noxious weed infestations within burned areas to determine if expansion is occurring into non-infested areas. Inventory for noxious weeds near existing locations and in areas that have a high probability for invasion within the burned areas.
- B. Location (Suitable) Sites:** Monitor known locations of noxious weeds. Inventory areas that have a high potential for weed invasion (or as determined by BLM staff). Critical areas are drainages and along dozer lines of burned areas where bulldozers ran through noxious weed populations and where fire suppression vehicles drove through dense populations of weeds. Monitoring and inventory sites will include but are not limited to the following fires: Tabor Creek, Stag Mountain, North Delano, Sheep, Dunphy, Coyote, Buffalo, Baily, Dee Gold and Hot Lake. Monitor all visible noxious weed populations along road systems and creeks within the fire area.
- C. Design/Construction Specifications:**
1. Conduct long-term monitoring (3 years) on existing noxious weed populations within the burned areas using protocol determined by the Elko Field Office. Monitor areas disturbed within the fire perimeter and on known noxious weed populations to determine spread of invasive species and noxious weeds. Monitoring protocols will be established by BLM and will be implemented in accordance with current management plans.
 2. Inventory, photo document, and map using global positioning system (GPS) the new weed infestations within the burned areas..
 3. Initiate agency approval of control measures where monitoring demonstrates the establishment or expansion of known weed populations that threaten the natural regeneration of native vegetation or establishment of effective ground cover if monitoring or inventory determines that expansion is occurring within the burned area or outside the fire perimeter from weed populations inside the burned area.
- D. Purpose of Treatment Specifications:** Protect the ecological integrity and site productivity of pinyon / juniper, riparian, and shrub-steppe plant communities within BLM lands in accordance with established mission statements and management plan guidelines. To detect and document any new expansions of noxious weeds in the burned areas. To control, contain, or eradicate Nevada Listed noxious weeds in the burned areas. To allow the Elko Field Office to implement the Integrated Weed Management Program.

II. LABOR, MATERIALS AND OTHER COST:

PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).	COST/ITEM
GS-9 @ \$3000/month x 2.5 months x 3 years	\$22,500.00

2 GS-7 Seasonals (2 Technicians), @ \$2,250/month x 2.0 months x 3 years	\$27,000.00
TOTAL PERSONNEL SERVICE COST	\$49,500.00
► EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of House X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.	COST/ITEM
Vehicle cost @ \$1000/month x 2 months x 2 vehicles x 3 years	\$12,000.00
Vehicle cost @ .17 per mile x 6000 miles x 3 years	\$3,060.00
Vehicle fuel cost @ \$40 per day x 60 days x 3 years	\$7,200.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$22,260.00
► MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM
Monitoring supplies (posts, stakes, paint, post driver, etc) @ \$300/ yr x 3 yrs	\$900.00
Film purchase and developing @ \$15/roll x 25 rolls/yr x 3 yrs	\$1,125.00
TOTAL MATERIALS AND SUPPLY COST	\$2,025.00
► TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL TRAVEL COST	N/A
► CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	NA

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2001	Acres	\$0.45	54400	\$24,595.00	ESR	P
FY 2002	Acres	\$0.45	54400	\$24,595.00	ESR	P
FY 2003	Acres	\$0.45	54400	\$24,595.00	ESR	P
TOTAL:	Acres	\$0.45	163200	\$73,785.00	ESR	P

FUNDING SOURCES:

F = Fire Suppression Account
ESR = Emergency Stabilization Rehabilitation
OP = Agency Operating Fund
O = Other

METHODS:

P = Agency Personnel Services
C = Contract (Long-Term)
EFC = Emergency Fire Contract
FC = Crew Labor Assigned to Fire

SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	
2. Documented cost figures from similar project work obtained from local agency sources.	P
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P, M, T

5. No cost estimate required - cost charged to Fire Suppression Account.

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report: Vegetation Assessment Appendix 1, SEE MAP INDEX, Treatment Section

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED (3 year)	COST
Baily	300 acres	\$136.00
Buffalo	18000 acres	\$8,138.00
Coyote	10500 acres	\$4,747.00
Dee Gold	300 acres	\$136.00
Dunphy	600 acres	\$271.00
Hot Lake	60000 acres	\$27,127.00
North Delano	9000 acres	\$4,069.00
Sheep	36000 acres	\$16,277.00
Stag	24000 acres	\$10,850.00
Tabor	4500 acres	\$2,034.00
TOTAL COST	163200 acres	\$73,785.00

V. TOTAL COST BY JURISDICTION

JURISDICTION	UNITS TREATED	COST
BLM	162900	\$73,785.00
TOTAL COST		\$73,785.00