

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	Monitor relic stands of aspen/cottonwood for post fire regeneration (to prevent unacceptable change to ecosystem structure).	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	M-2a Monitoring and Evaluation Emergency Treatments (BLM 98-148 III 0 and V)	FISCAL YEAR(S) (list each year):	2001, 2002 2003

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Monitoring aspen/cottonwood stands with walk-thru examinations or establish a grid of fixed plots to insure that excessive browsing from wildlife and livestock does not inhibit the growth and survival of aspen/cottonwood seedlings and monitor woodland areas with walk-thru examinations to determine acceptable levels of seedling survival.</p> <p>B. Location (Suitable) Sites: All burned aspen/cottonwood stands and all moderate to heavy burned woodland sites. Sites are remote access and inventory will therefore require after hours work and travel (Premium Time). Burned sites shown on MAP INDEX, Treatments Section.</p> <p>C. Design/Construction Specifications:</p> <ol style="list-style-type: none"> 1. Walk-thru inspections of aspen/cottonwood stands should monitor seedling growth, form and trees per acre (TPA). Walk-thru inspections of woodland sites should monitor seedling survival, growth and TPA. 2. Plot locations should be evenly distributed throughout the stand and be of sufficient size to obtain a statistically valid sample of survival rates. <p>D. Purpose of Treatment Specifications: To determine if an acceptable number of quality aspen/cottonwood seedlings have successfully regenerated, and if natural regeneration will produce acceptable numbers of TPA or if additional treatments or protection measures are required. Aspen/Cottonwood protective fencing may require six (6) miles of fencing.</p>

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
Aspen/cottonwood: 264 hours @ \$\$26.15/hr of premium pay/overtime X 3 years	20,711
Woodland: 128 hours @ 41.81/hr or premium pay/overtime X 3 years	16,055
TOTAL PERSONNEL SERVICE COST	36,766
▶ EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of Hours X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.	COST/ITEM
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	
▶ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM
TOTAL MATERIALS AND SUPPLY COST	
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
1 vehicle @ \$0.40/mile x 200 miles/day x 49 days x 3 years	11,760
TOTAL TRAVEL COST	11,760
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Survey	\$316.96	49	15,531	EFR	P
FY 2	Survey	\$330.02	49	16,171	EFR	P
FY 3	Survey	\$343.35	49	16,824	EFR	P
TOTAL:			147	48,526		

FUNDING SOURCES:

F = Fire Suppression Account
EFR = Emergency Fire 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.	
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P
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: See forestry assessment for detailed discussion of treatment specification. See MAP INDEX, Treatment(s) Section for location of woodland surveys and aspen exclusion fencing.

IV.
TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Camp Creek	200 Acres	\$15,617
Chokecherry	30 Acres	\$5,206
West Basin	50 Acres	\$7,808
Charlie	600 Acres	\$2,487
Wimpy	200 Acres	\$2,487
South Cricket	2,000 Acres	\$4,974
Rabbit	4,000 Acres	\$9,947
TOTAL COST		\$48,526