

**DEPARTMENT OF THE INTERIOR
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	PROTECTIVE FENCE FOR LAHONTAN CUTTHROAT TROUT HABITAT (Reconstruct riparian fence to protect Threatened & Endangered species (Wildcat Creek))	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	N-1a Protection of Threatened and Endangered Species (Flora and Fauna) (BLM 98-148 III O)	FISCAL YEAR(S) (list each year):	2001 - 2003

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Immediately reconstruct permanent range fence around Wildcat Creek to protect the Lahontan cutthroat trout. By fencing this area the riparian vegetation will respond and be able to trap sediment and ash from entering the creek to protect the Lahontan cutthroat trout, a Federally listed threatened species.</p> <p>B. Location (Suitable) Sites: The fence is located in O'Neil Basin in the southern portion of the O'Neil Allotment and encompasses the lower reaches of Wildcat Creek administered by the BLM Elko Field Office. See Map Index, Treatment Section.</p> <p>C. Design/Construction Specifications: The allotment boundary portion of the fence will be four wire with 16,6,8,12" spacing from the ground up. The fence will have steel pipe braces, corners, and gates, and have 16.5 feet post spacing using green T-posts. The pasture boundary portion of the fence will be a three wire fence constructed the same as above with 16,10,12" spacing from the ground up. Both fences will have a smooth bottom wire to facilitate wildlife movements through the area.</p> <p>D. Purpose of Treatment Specifications: A permanent fence is required to protect Lahontan cutthroat trout habitat, a Federally listed threatened species, from livestock grazing. This fence will ensure the successful rehabilitation of LCT habitat impacted by the Camp Creek Fire by providing 2 years of rest from livestock grazing.</p>
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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
TOTAL PERSONNEL SERVICE COST	
▶ 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
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	
▶ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM
12 ½ gage, galvanized barb/smooth wire @ \$30.00/roll X 20 rolls	\$600.00
51/2 foot steel post @ \$1.99/post X 550 posts	\$1,095.00
Steel pipe brace @ \$100.00 X 20 braces	\$2,000.00
14 foot steel gates @ \$75.00/gate X 3 gates	\$225.00
28 inch wire stays @ \$0.35/each X 600	\$210.00
3 or 5 post corners @ 175.00 X 10 corners	\$1,750.00
TOTAL MATERIALS AND SUPPLY COST	\$5,655.00
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL TRAVEL COST	
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Contract labor for total replacement @ \$5,000.00/mile X 4.55 miles X 1yr	\$22,750.00
Contract administration and oversight to agency @ .04% X \$22,750.00 (total contract)	\$910.00
TOTAL CONTRACT COST	\$23,660.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	miles	\$6,442.86	4.55	\$29,315.00	EFR	C
FY 2						
FY 3						
TOTAL:						

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.	M,C
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	
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 Map Index, Treatment Section

IV.

TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Camp Creek	4.55	\$29,315
TOTAL COST		\$29,315

**BUREAU OF LAND MANAGEMENT
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	THREATENED AND ENDANGERED SPECIES PROTECTION (Monitor Post-Fire recovery of Lahontan Cutthroat Trout Habitat)	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	N-1b Protection of Threatened and Endangered Species (Flora and Fauna) (BLM 98-148 III. F)	FISCAL YEAR(S) (list each year):	2001-2003

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Monitor post fire effects on the Lahontan Cutthroat trout (LCT). Provide for the continuation of riparian/stream habitat condition studies, functionality assessments, thermal monitoring, and water quality sampling of Wildcat Creek. This information will allow the BLM and US Fish and Wildlife Service to evaluate effects of the burn and recovery in comparison to baseline conditions.</p> <p>B. Location (Suitable) Sites: Wildcat Creek in the Elko Field Office area. See Map Index, Treatment Section</p> <p>C. Design/Construction Specifications: Monitoring would be conducted using procedures described in the Stream Temperature Monitoring Protocol by J.B. Dunham and G.L. Vinyard. Riparian/stream habitat condition studies would be conducted using procedures described in BLM Manuals 6671 and 6720-1. Riparian functionality assessments would be conducted using procedures described in BLM Technical Reference TR 1737-15 1998.</p> <p>D. Purpose of Treatment Specifications: Thermal monitoring is crucial to evaluate impacts of the burn and post burn recovery on LCT in Dixie Creek. Burned areas can have the effects of significantly increasing stream temperatures. The information gained from post fire monitoring of riparian/stream habitat conditions, functionality assessment, and water quality assessments will allow BLM to evaluate the effects of the burn and recovery in comparison to baseline conditions and assist in formulating recommendations for future management strategies.</p>
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II. LABOR, MATERIALS AND OTHER COST:

<p>▶ PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).</p>	COST/ITEM
GS 9 @ \$15.00/hr X 48hrs X 3 yrs	\$2,160.00
GS 5 @ \$10.00/hr X 3 X 48 hrs X 3 yrs	\$4,320.00
TOTAL PERSONNEL SERVICE COST	\$6,480.00
<p>▶ 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.</p>	COST/ITEM
Thermographs @ \$100.00 X 5 units X 1yr	\$500.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$500.00
<p>▶ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):</p>	COST/ITEM
TOTAL MATERIALS AND SUPPLY COST	
<p>▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):</p>	COST/ITEM
TOTAL TRAVEL COST	
<p>▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):</p>	COST/ITEM
TOTAL CONTRACT COST	

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Miles	\$760.00	3.5	\$2,660.00	EFR	C
FY 2	Miles	\$617.14	3.5	\$2,160.00	EFR	C
FY 3	Miles	\$617.14	3.5	\$2,160.00	EFR	C
TOTAL:	Miles	\$1,994.29	3.5	\$6,980.00		

FUNDING SOURCES:

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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.	M
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 Map Index, Treatment Section

IV.

TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Camp Creek	3.5 miles	\$6,980.00
TOTAL COST		\$6,980.00