## Exhibit 1

Page 1

USDA Forest Service BURNED AREA REPORT AUG 15 1977	
one attached Overall instructions are in	,
Specific instructions for use of this form the specific instructions for use of the Emergency Rehabilitation and property and the specific instructions for use of this form the specific instructions for use of the specific instruction in the specific in th	
1. Fire name   2. Request     Initial   Interia     Interia     Interia   In	
Accomplishment report FFF Other August 12, 1977	_
4. State 5. Sounty 6. Congressional 7. Region 8. Forest 9. Ranger District	: [
nicturiot 00   E   Taboo   Tauckee	4
10. Supervisor 11. Date fire started 12. Date controlled 13. Estimated suppression	n
$f_{\text{time no }} = 130$ August 9, 1977   August 10, 1977   cost 3 245,000	_
Tel ni demagas repaired with FFF 102 funds	1
0 mi. firelines waterbarred 0 acres firelines seeded (TO DATE)	_
15. Fuel type fire intensity	
10 % light 30 % moderate 60% extreme	_
NATIONAL FOREST SYSTEM PROBLEM INVENTORY	7
16. Watershed no. 17. NFS acres burned 18. Water repellant soil	
16. Watershed no. 17. NFS acres burned 0 % of NFS area burned	
19. Vegetation types	İ
Eastside Pine	-
20. Geologic types	
Tertiary Volcanics (Andesites) 23. Storm peak potential	┪
1 71 CA11 AMOGIAN NAVATO LACINE 122. MICOLOG POURSE - 1	i.l
	7
1 24. Miles of stream channels by Regional order of classes	_}
1st Order= 3.75 miles, 2nd Order= 0.5 mile	
25. Miles of Forest Service roads by maintenance levels  O mi. level I O mi. level II 1.3 mi. levels III, IV, V	` \
O mi. level 1 O mi. level ii 1.3	
CLIMATIC DATA	
hour period hour period	
25 inches 3 inches 2 yr. frequency 4 inches 10 yr. Hequence	У
20 Maximum 30 minute intensity storm	
28. Annual runoff 10 inches 10 inches 29. Maximum 30 mirror 10 inches 2 yr. frequency 0.75 inches 10 yr. frequence	<u>y</u>
SUMMARY OF SURVEY AND ANALYSIS	<del></del> 7
30. Skills represented on burned area survey team (check)	
Filtreductions Respond to Coology   Range   Himber & Wilding	-
Engineering   Contracting   Local Management   Research	-
	- 1
31. Describe emergency Wildfire through eastside pine (sagebrush understory) type. Fire burned Wildfire through eastside pine (sagebrush understory) type. Fire burned	1
Boca Hill to southwest shore at Boca Reserver are the sedimentat	cidn
Res. shoreline forms national fire line. Main concerns are the concerns are the same possible 32. Emergency rehabilitation objective of Boca Res. & Truckee River and possible to Forest Service & County Road.	damage
32. Emergency rehabilitation objective to Forest Service & County Road.	
Stabilize soils to minimize sedimentation of Boca Res. and the Truckee	1
River. Side benefit would be maintaining timber site quality.	
33. Personnel needs for rehabilitation project on NFS lands	
• 1 C C1 300	
0.06 man-years reassigned for \$1,200 0 man-years new hires for \$0  34. Probability of completing treatment prior to first major damage-producing storm	1
The state of the speciment of the specim	
hander index 36 Net social Wellbeing benefit index	
Significant   Significant   Significant   Not Significant	<u>-                                    </u>
138. Cost effectiveness index (effectiveness index (effectiveness)	≥)
J7. Below III WIII	
- I f date Decienal Forester approval & date Date Tunding	3,,,
approved in	WO
100 Stauber 8/12/77 2500-8 (5/76	<del></del> -
	,
Deputy Forest Supercusor	

45 382

Exhibit 1 -- Continued . Page 2 USDA - Forest Service BURNED AREA REPORT Date of Report ON-SITE AND OFF-SITE DEVELOPMENTS SUBJECT TO HAZARDS FROM FLOODS, FLOATING DEBRIS, EROSION, OR SEDIMENT BECAUSE A WATERSHED IS IMPAIRED BY WILDFIRE. (Do not include value of resources damaged or destroyed by the fire as reported on Form 5100-29.) Estimated value No. of units (dollars) people 40. Community and urban development people served 41. Municipal water supply miles 45,350 2.55 42. Transportation systems miles 43. Water distribution systems (irrigation) 0.1 acres 44. Agricultural development (crops, facilities) number 45. Industrial development (dams, power, manufacturing) miles 46. Power and communication lines PAOT 47. Recreation development miles 0 48. Fish habitat improvements ac.ft.

49. Other (specify) Reservoir Storage

	CIDMMA'03	OF EM	ERGENCY	REHAB	LITAT	KOI	NEEL	DS BY L	AND OW	NERSHIP		
	50.	51. Em	ergency	rehab	needs	So	irce	or eme	rgency	rehabi ork (do	litation llars)	
Land ownership	Acres burned	t 1	Channel miles	Road miles	Other		2 FF	53   216	54 FR&T	55 Other Fed.	56	57 Total
						102	094				(Name)	
FEDERAL NFS	598	295				10.	X 325					10,325
Other (name		295										
Subtotal	598			77	27	L						
NON-FEDERAL State and county	0											
Private	866	278		ישנו	22			9,730		ļ	ļ	9,730
Indian	٥.,					_	<u> </u>					
Subtotal	866			ر ال	<u> </u>					ļ	-	ļ
TOTAL							х					20.05
	1464	573		777	22	110	3,32	<u> </u>	<u> </u>	<u> </u>	1 2500-8	20,055 (5/76)

\*TOTAL HAZARD POTENTIAL

\*Does not enter into the B/C - merely an indication of values threatened.

R-5 ID No. 1
4/1/77

Date of Report

USDA-Forest Service

Fire Name ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS AND SOURCE OF FUNDS (Emergency rehabilitation is work done promptly following a wildfire and

is not to solv	e wat	ersh	ed probl	Lems that	existe	d prior	to the v	vildrire.	)
:		l i	. NI	S Lands		) Ot	ther Land	is	Total
		Unit	No. of	FFF 094	Other		Federal	Non-Fed.	dollars
	Units	cost	units	dollars	dollars		dollars		all
58. LAND			NFS		(Name)	other	(Name)	(Name)	1ands
							<b>(2</b> 16)		20 055
Seeding	Acres	\$35	295	10,325		278	9,730		20,055
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59. CHANNELS		<del> </del>				·			
J9. CHANNELS		1	ŀ	<b>!</b>					
Opening water courses	Miles		1			1			
Stabilizing	111.163		<del>                                     </del>				····		
streambanks	Miles	1		}	ļ		l		
streambanks	MILLES	<del> </del>			<del> </del>	1			
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60. ROADS	l· .			•	1			1	
Ditai alamina	Miles				ļ	1		l .	l
Ditch cleaning	TILLES	<del> </del>	}			<del> </del>			
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C1 MATOR CORRESPONDE	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>			
61. MAJOR STRUCTURES			1.	1			· .	ł	1
	1	1		1	1	1		1	1
Preplanned structures	Fast		1		1.	1		1	1
from Unit Plans	Each		<u> </u>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	1
			ral ·	10,325			9,730		20,055
•		IU.	rum ,	1 -0 /020	1		1-7.00	\$	

seed mixture 7/b. orchard grass-6/b blando brome 13 ibs/acre

Seed mixture Confirmed by range mgt To be that saitable for the area To be seeded

Site 4 and 5

USDA-Forest Service Fire Name

## Exhibit 1 -- Continued

BURNED AREA REPORT

Date of Report

Page 4

EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY @ PERCENT INTEREST

02.	<u></u>	<u> </u>	DAMAGES E	XPECTED		1 :	1
ECONOMIC CRITERIA	Units of measure	No. of		<del></del>	Present value \$	Expected \$ Damage Reduction	
SEDIMENTATION IMPACTS Downstream storage	ac.ft.	3.2		3.0		Insignific	ar
Sediment removal	cu.yd.	5,360	53,600	4,765	47,650	5,950	
Fish habitat						0	
Water quality					÷	0	
FLOOD WATER DAMAGE Land		-a to				0	
Improvements						0	
OTHER					•		
TOTAL DOLLARS						5,950	

63. ENVIRONMENTAL QUALITY BENEFIT INDEX Without treatment With treatment Weight Difference ENVIRONMENTAL CRITERIA Factor Actual Weighted Actual | Weighted Actual | Weighted Erosion and sediment 5 1 0 Aesthetic land quality 10 20 0 0 20 Water quality 5 0 0 5 Ecological benefits 2 10 20 10 10 Wildlife habitat 10 20 10 10 Fish habitat 2 Other Range 2 10 5 5 82 32 50 Average weighted index 1.7 0.6 1.1 Net environmental quality benefit index 1.1

		•					
64.	SOCIA	L WELLBE	ING BENEFI	T INDEX			
SOCIAL CRITERIA	Weight		treatment		reatment	Diffe	rence
	Factor	Actual	Weighted	Actual	Weighted	<del></del>	Weighte
Life, health, safety	1_	0	0	0	0	0	0
Employment	1	0	0	0	0	0	<del></del>
Recreational opportunity	7	0		0		9	0
Economic stability	1	0	<del>0</del>		<del></del>		0
Income distribution	<del>-</del>	0	U		0	0	0
Preserve special sites		<u> </u>	<del></del>	<del></del>	0	0 !	0
Other *	<del>-</del>		0			_0	
,			0	• • • • • • • • •			
TOTAL	66		0 .		o		0
Average weighted index			0		0		
Net social wellbeing benefit index							0
					1	2500-8	(5/76)

38. Cost effectiveness index (check one)

XIII

approved in WO

2500-8 (5/76)

I

Forest Supervisor approval & date Regional Forester approval & date Date funding

Deputy Forest Supervisor

37. Benefit/cost ratio

Exhibit 1 -- Continued

USDA - Forest Service

BURNED AREA REPORT Date o

Page 2

Fire Name		Date of Report	
ON CITE ATT	OUE SITE	DEVELOPMENTS SUBJECT TO HAZARDS FROM FLOODS, FLOATING DEBRIS,	
OM-SITE WITH	OFF-DIID	BECAUSE A WATERSHED IS IMPAIRED BY WILDFIRE. (Do not include	
ERUSIUM, OA	. SEDIFFIEL	because it was the fire as reported on Form 5100-29.)	

value of resources damaged or destroyed by the fire as r	eported on Form	m 5100-29.)
Value of fedorates sample	No. of units	Estimated value
		(dollars)
	people	
40. Community and urban development	0	20000000
	people served	
41. Municipal water supply		
	miles	
42. Transportation systems	2.55	45,350
	miles	<b>†</b>
43. Water distribution systems (irrigation)	0.	20222022
	acres .	}
44. Agricultural development (crops, facilities)		
	number	
45. Industrial development (dams, power, manufacturing)		
	miles	
46. Power and communication lines	0	222222
•	PAOT	
47. Recreation development	0	
	miles	
48. Fish habitat improvements		7777777
·	ac.ft.	
49. Other (specify) Reservoir Storage	3.2	32
•		202
*TOTAL HAZARD POTENTIAL		45,382

	SUMMARY	OF EN	ERGENCY	REHAB	ILITAT	ION	NEE	DS EY I	AND OW	NERSHIP		
	50.	51. En	argency	rehab	needs	So	urce	of eme	rgency	rehabi ork (do	litation	n funds
			lott 3	n	<del></del>		2 1	53	54	55 (do	56	57
Land	Acres		Channel miles	miles	Orbor		FF	216	FR&T	Other	,	Total
ownership	burned	acres	miles	milles	Other		-	210	, ,	Fed.	Fed.	
						102	094			(Name)	(Name)	
FEDERAL												
nfs							Х					10 225
	598	295	ļ <del></del>		<u> </u>	10,	325					10,325
Other (name)	) ! 0			•								
Subtotal				<u> </u>	Ī						į	
	598										! 	
NON-FEDERAL		}			!							
State and	0			ĺ								
county	<del></del>	ļ	<del> </del>	<del> </del>	<del> </del>					t		
Private	866	278			4	<u> </u>		9,730				9,730
Indian							1					
	.0	<b> </b>	<u> </u>	<u> </u>		<del> </del> -				<del> </del>	<del> </del>	<del> </del>
Subtotal	866	'		47	<u> </u>							· · ·
TOTAL				·		Π	v					
	1464	573		-~-	77	[ [10	X ,32	5				20,055
L	····	*	<del></del>				·	<del></del>	·		2500-8	(5/76)

\*Does not enter into the B/C - merely an indication of values threatened.

R-5 ID No. 1

4/1/77

USDA-Forest Service

## BURNED AREA REPORT

Date of Report

Fire Name ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS AND SOURCE OF FUNDS (Emergency rehabilitation is work done promptly following a wildfire and shed problems that existed prior to the wildfire.)

is not to solv	is not to solve watershed problems that existed prior to the wildfire.)  NES Lands  Other Lands										
:			NI	S Lands		U	ner ranc	15	Total dollars		
	١.	Unit	No. of	FFF 094	Other		rederal	Non-Fed.			
	Units	cost	units	dollars	dollars		dollars	dollars	all		
58. LAND .			NFS		(Name)	other	(Name)	(Name)	lands		
	· ————						(216)		20,055		
Seeding	Acres	\$35	295	10,325		278	9,730		20,033		
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59. CHANNELS			}	1		1					
	l	1	}			1	}				
Opening water courses	Miles	ļ	ļ	<u> </u>		<del> </del>					
Stabilizing		1		ł	1	İ	i i				
streambanks	Miles	ļ	ļ	<u> </u>	<b></b>	<del> </del>	<del> </del>		<del> </del>		
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60. ROADS				1	1	1	1		1		
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Ditch cleaning	Miles						<b></b>	ļ	ļ		
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61. MAJOR STRUCTURES		1				1		1			
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Preplanned structures	·		1			1		1	Į.		
from Unit Plans	Each	1		<del> </del>		<del>-{</del>	<del> </del>	·	1		
		ma	m A T	10,325			9,730		20,055		
		TO	TAL	10,323		ᆚ	12,,30		120,000		

seed mixture Site 4 and 5

Send mixture Confirmed by runge migt 

USDA-Forest Service Fire Name

## Exhibit 1 -- Continued BURNED AREA REPORT

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BURNED AREA REPORT Date of Report

EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY @ PERCENT INTEREST

62.

62.			-				
			DAMAGES EX	(PECTED	<del>-,</del> -	T • 1	l
ECONOMIC CRITERIA	Units of measure	No. of		No. of	Present value \$	Expected \$ Damage Reduction	
SEDIMENTATION IMPACTS Downstream storage	ac.ft.	3.2		3.0		Insignific	ŀ
Sediment removal	cu.yd.	5,360	53,600	4,765	47,650	5,950	
Fish habitat						0 .	
Water quality			·			0	
LOOD WATER DAMAGE Land						0	
Improvements						0	
OTHER					-		
TOTAL DOLLARS						5,950	

63.	ENVIRO	NMENTAL (	QUALITY BE	NEFIT IN	DEX		
ENVIRONMENTAL CRITERIA	Weight	Without	treatment	With t	reatment	Diffe	rence
	Factor	Actual	Weighted	Actual	Weighted	Actual	Weighted
Erosion and sediment	5	1	5	1	5	0	0
Aesthetic land quality	_10	2	20	0	0	2	20
Water quality	5	1	5	0	Ö	1	5
Ecological benefits	_10	2	20	1	10	1	10
Wildlife habitat	10	2	20	1	10		10
Fish habitat	2	1	. 2	- Ī	2 .	0	0
Other Range	5	2	10	1	5	1 1	5
TOTAL	47		82		32		50
Average weighted index			1.7		0.6		1.1
Net environmental quality benefit index							1.1

					•		
64.	SOCIA	T MELTBE	ING BENEFI	T INDEX			
SOCIAL CRITERIA	Welght	Without	treatment	With to	reatment	Difte	rence
	Factor	Actual	Weighted	Actual	Weighted	Actual	Weighted
Life, health, safety	1	0	0	0	0	0	Ō
Employment		0	0	0	0	0	0
Recreational opportunity	]1	0	0	0	0	0	
Economic stability	ī	0	0	0	ő	0	- 0
Income distribution	1	0	0	0	0	0	0
Preserve special sites	1.	0	Ŏ	8	ď		
Other	- 4		0				
TOTAL	6		0 .		0		0
Average weighted index			0		0		0
Net social wellbeing benefit index							0
					1,	2300-8	(5/76)