JNITED STATES DEPARTMENT OF AGRI TURE FOREST SERVICE CLEVELAND NATIONAL FOREST 880 Front Street, Room 6-S-5 San Diego, California 92188

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REPLY TO:

2520 Watershed Protection and Management

September 20, 1979

SUBJECT:

Emergency Burn Rehabilitation Report

Paseo Fire

70: Regional Forester



Attached is the initial Emergency Burn Rehabilitation Report for the Paseo Fire. You will note from our preliminary investigations that very little damage is anticipated, should unusually heavy winter rains be experienced.

Two of the major drainages involved have debris basins in place while flood control facilities are currently being constructed in two of the minor drainages. These improvements were undertaken as a result of the 1977 Mine Fire.

Due to the present fire situation it has been impossible to involve all necessary agencies with the Forest Rehab Team. The Team will continue with a more in depth study involving other agencies, as their representatives become available. Should these investigations reveal potential problems, we will file an updated report.

In a telephone conversation with the Regional Office Watershed Staff it was decided to request additional P&M 092 funding rather than Emergency Burn Rehabilitation funds. This seems prudent, since at this time, no significant emergency has been identified. It does seem important, however, to undertake limited rehabilitation measures because of the close proximity of Corona, California. The city is keenly interested in rehab measures the Forest will be taking.

RALPH C. CISCO Forest Supervisor

Enclosure



BURNEL AREA EMERGENCY REHABIL PATION HANDBOOK

Exhibit 1

USDA Forest Service	BURNED ARE	A REPORT	. -	Page 1
Detailed instructions for Rehabilitation Handbook (use of this form	are in the Burn	ed-Area Emergency	
	equest KInitial	☐ Interim	Final 3 Date o	f report
PASEO A	ccomplishment repo	rt FFF	☐Final 3. Date o☐Other Sept. 19	7 , 1979
Calif. Riverside	6. Congressional 36 & 39	7. Region 8	Forest 9. Range	r District
10. Supervisor 11. Date fire no. 106 Sept.	fire started 12. 15, 1979 S	Date controllept. 18, 19	ed 13. Estimated 79 \$325,000	Sunn
10. Supervisor 11. Date fire no. 106 Sept. 14. Fire suppression dama 7 miles fireline wat	ges repaired with erbarred 4	mile Drift	fence repaired	
. 20 % low 40% m	nedium 40%			
	IONAL FOREST SYSTE	M PROBLEM INVE	TORY .	
16. Watershed no. 17.	NFS acres burned	18. Water 1	epellant soil	
201 & 215	1600	40% c	of NFS area burned	
19. Vegetation types Chap California buckwheat	arral: Chamise , Black Sage	, Scrub oak	, Coast Sagebr	ısh
20. Geologic types Upper Cretaceous Mar	ine and Jurasi	c-Triasic Me	eta Volcanic	
21. Soli erosion hazard ra 100% high 24. Miles of stream channa 5 mile class 4	22. Erosion 150,000	petential Cu Yolsomi	23. Flood peak po 190 Cu Ft/sec	tential /SQ Mi.
24. Miles of stream changes 5 mile class 4	Jv Regional ord	ler or classes		
25. Miles of Forest Service	e roads and trails	by maintenance	levels	
mi. level I rds.	ni. level II rds.	3 mi. levels 1	III, IV. V rds.	mi. trails
	CLIMATIC	DATA		
26. Annual precipitation			g 24 hour perio	-
18 - 25 inches	3.5 inches 2 yr	. frequency	5 inches 10 yr.	frequency
28. Annual runoff 2 - 3.5 inches	129. Maximum 30 mi	nute intensity	storm	
Z = 3.5 inches	• Inches 2 yr	. frequency	•9 inches 10 yr.	Frequency
	SUDDIARY OF SURVEY	AND ANALYSIS		
30. Skills represented on Kallydrology Scils	ourned area survey	team (check)		
Engineering Contra	ctine Wincel Ma	Dagomont T	Passarah Darkar	1
31. Describe emergency: Er	osion and note	ntial facil	ity damage due	to
31. Describe energency: Er floods are high. Two f population center (Cor	actors contrib ona Calif.) 2	outing to the Watershed	is: (l) proxim characteristic	ity to
steep slopes and high	erosion hazard	l		
32. Emergency rehabilitation				
Reduce downstream floo	ding, siltatio	on and prope	rty loss and m	aintain
watershed values on sl	ope.			
33 Personnel needs for rel				
34. Probability of completi Land 75% Channel		to first majo		storm
35. Net environmental quali	·		wellbeinz benefit	
ارد. نيموارد/ccsc ritio Not Applicable		38. Cost effec	tiveness index (ch	wer one)
39. Forest Supervisor appro	val & date Regions	I Forester app	II III	funding
Elusser ac	king top	- roroncer whh		ved in WO
	// /		FS-T2500-8	(7/78)

BURNED- REA EMERGENCY REHABIL ATION HANDBOOK

Exhibit 1 - continued

USDA - Forest Service BURNED AREA REPORT Date of Report 06/30/78 2 Fire Name Granite 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.)									
value of resources damaged or de	stroyed by the file as	reported on room	Estimated value						
			(dollars)						
and unbendevelope	nen t	people 20	355,000						
40. Community and urban developm	1. Municipal and domestic water supply								
42. Transportation systems									
43. Water distribution systems	(irrigation)	acres	0						
44. Agricultural development (cr	ops, facilities)	450	6,000						
		number	0						
45. Industrial development (dams		miles	0						
46. Power and communication line	25	PAOT							
47. Recreation development 15	units x 5 people	0	0						
1		miles ₀	0						
48. Fish habitat improvements C \$1,500 per mile.		0	0						
49. Other (specify) Camp with	trailers	<u> </u>	261 000						
TOTAL HAZARD POTENTIAL (Indi	cates values threatened m. Does not enter into	by design	361,000						

NARRATIVE (Optional. May be left out or expanded on additional sheets as needed.)

* Although these facilities could be subject to hazards it is not anticipated they will sustain any damage.

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FS-T 2500-8 (7/78)

Exhibit 1 - continued

USDA-Forest Service	ce					;						Досо
Fire Name Granite	31				BUKNED	BUKNED AREA REPORT	JRT		Date o	Date of Report		9
,		SUMM	ARY OF EM	ERGENCY	REHABIL	SUMMARY OF EMERGENCY REHABILITATION NEEDS BY LAND OWNERSHIP	NEEDS BY	LAND OW	NERSHIP			
	50.	51. Em	Emergency rehabilitation needs	ehabili	tation	Source of	of emerge	ency reh	abilitat	ion fund	s for ne	emergency rehabilitation funds for needed work
Land ownership	Acres			Road		52. FI	FF	53.	54.	55.	56.	57.
	burned	Land (acres)	Channel (miles)	and Trail (miles)	Other	Water- shed 091	102	216	FR&T	Other Federal (name)	Non- Federal (name)	Total
FEDERAL NFS	1600	200				1200						1200
Other (name)				·								
Subtotal Federal	1600	200				1200						1200
NON-FEDERAL State & county												
Indian reservation												
Private	2130	2130									12,800	12,800
Subtotal Non-Federal	2130	2130									TOD	
TOTAL	3730	2330				1200					20,000	20,000 14,000

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BURNED-AREA EMERGENCY REHABILITATION HANDBOOK

Exhibit 1 - continued

									-
USDA-Forest Servic	e		BUR	NED AREA	REPORT			06/00/	Page 4
Fire Name Granite					- 00 mn//	Date	of Repor	t 06/30/	78 NDC
ELICIBLE ENER	GENCY R	EHABIL	ITATION	MEASURE	S OR TRE	Follow	ing a wi	KCE OF FU 1dfire an	4 1402
(Emergency is not to	rehabil	1 t2 t 1 o	n is wo	rk done lome tha	promptry t existe	d prior	to the	wildfire.) .
IS HOL LO	T	Letsii	T N	FS Lands	2 01120 00	0	ther Lan	ds	Total
		Unit	No. of	FFF 094	Other	No. of		Mon-Fed.	dollars
-	Units		units	dollars	dollars	units	dollars	dollars	ali
58. LAND			NFS	<u> </u>	(Name)	other	(Name)	(Name)	lands
Seeding	Acres	6	200	•	vaters			12,800	14,00
Temporary Fencing	MI.				ļ				
,	1		Ì	1				•	ŀ
	<u> </u>								
59. CHANNELS							_		
Opening water									
courses	Miles								<u> </u>
Stabilizing streambanks	Miles								
SCICAMONICS	HITES								
`									
							į		
60. ROADS & TRAILS									
FR&T Repair	Miles								
Trash Racks	Ea.								
Trails	Miles								
118118	HITES								
61. MAJOR						1	Ì		
STRUCTURES		- 1			1	ŀ	İ		
Preplanned — from Forest Plans	Each	I	ļ		1	1			
TION POTEST FIANS	zacii j	L							
		TOTA	AL [1	1200	· L	<u></u>	12,800	14,000
•									
							FS-	r 2500-8	(7/78)

BURNED-AREA EMERGENCY REHABILITATION HANDBOOK Exhibit 1 - continued

USDA-Forest Service Fire Name Granite	Page 5 Date of Report 06/3/78					
EXAMINING IMPACTS	OF MANAGEM	ENT ALTERNA	ATIVES FOR	AN EMERGEN	ICY PROGRAM	1
62. EXP at current Wate		GE REDUCTION S Council i			8 percent	
Economic benefit indices	Units of		reatment	e expected With tre	atment	Expected
	measure	No. of units	Present value \$		Present value \$	<pre>\$ damage reduction</pre>
WATERSHED IMPACTS SEDIMENTS Downstream water storage	2					
Sediment removal	cu. yds.					
Fish habitat						
Water quality						
FLOOD WATER Land						_
Improvements						
Subtotal watershed						
RESOURCE RELATED IMPACTS Range		NOT APPI EM	ICABLE: ERGENCY		EST FOR	
Wildlife and recreation						
Timber						
Subtotal resource related						
OTHER IMPACTS						
Subtotal other						
Total dollars						

FS-_T 2500-8 (7/78)

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BURNED-AREA EMERGENCY REHABILITATION HANDBOOK Exhibit 1 - continued

USDA-Forest Service BURNED AREA REPORT Date of Report 06/30/												
Fire Name Granite					Date of	Report	6/30//8					
EXAMINING IMPACT	cs of man	NAGEMENT	ALTERNATIV	/ES FOR A	AN EMERGENO	CY PROGRA	M					
63.	ENVIR		QUALITY BE									
ENVIRONMENTAL CRITERIA	Weight		treatment		reatment Weighted	Differ Actual	ence Weighted					
	Factor	Actual	Weighted	Actual	Weighted							
Erosion and sediment	4	_1	4	1.5	6	0.5	2					
Aesthetic land quality	4	1	4	1.5	6	0.5	2					
Water quality	2	1	2	1.5	3	0.5	1					
Site productivity	2	0	0	0	Q	0	0					
Wildlife habitat	2	0	0	0	0	0	0					
Fish habitat	NA	_	-	-	_	_	-					
~·• -	_	_	_				0					
Other TOTAL	14		10		15		5					
Average weighted index			.7		1.1		0.36					
Net environmental quality benefit index 0.36												
I desired to the second												
64.	SOC		64. SOCIAL WELL-BEING BENEFIT INDEX									
	Weight Without treatment With treatment Difference											
COCTAL CRITERIA			treatment	With to	reatment							
SOCIAL CRITERIA	Factor	Without Actual		With to Actual	reatment Weighted	Actual	Weighted					
SOCIAL CRITERIA Life, health, safety			treatment	With to	reatment							
Life, health, safety	Factor_	Actual	treatment Weighted	With to Actual	reatment Weighted	Actual	Weighted					
Life, health, safety	Factor_4	Actual O	treatment Weighted O	With to Actual	reatment Weighted O	Actual O	Weighted O					
Life, health, safety Employment Recreational	Factor 4 0	Actual 0 0	treatment Weighted 0	With to Actual O O	reatment Weighted 0	Actual 0 0	Weighted 0 0					
Life, health, safety Employment Recreational opportunity	4 0 0	0 0 0	treatment Weighted 0 0	With to Actual 0 0 0	reatment Weighted 0 0	0 0 0	Weighted 0 0 0					
Life, health, safety Employment Recreational opportunity Economic stability	4 0 0 0	0 0 0 0	treatment Weighted 0 0 0 0	With to Actual 0 0 0 0	reatment Weighted 0 0 0 0	0 0 0 0	0 0 0 0					
Life, health, safety Employment Recreational opportunity Economic stability Income distribution	9 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	treatment Weighted 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	reatment Weighted 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0					
Life, health, safety Employment Recreational opportunity Economic stability Income distribution Preserve special sites	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	treatment Weighted 0 0 0 0 0 0	With translation Actual O	reatment Weighted 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0					
Life, health, safety Employment Recreational opportunity Economic stability Income distribution Preserve special sites Other	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	treatment Weighted 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	reatment Weighted 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0					

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