



## **COST SHARE AGREEMENT**

Between the  
**Miles City Field Office BLM,**

**Charles M Russell National Wildlife Refuge FWS,**

And the  
**Northeastern Land Office Montana DNRC**

This cost share agreement is between the agencies identified above, as negotiated for the following incident in accordance with the Montana Statewide Cooperative Fire Protection Agreement #L17FMA00001/17-FI-11015600-010 executed between the parties on (01/27/2017). The purpose of this agreement is to allocate financial responsibility as outlined in the Fire Decision Document and to describe the cost division.

### **General Incident Information:**

Incident Name:	<b>Lodgepole Complex*</b>		
Incident Start Date and Time:	<b>7/20/17 15:17</b>		
Origin:	<b>BLM</b>		
Township: 18N	Range: 30E	Section: 22	
Estimated Size: <b>270,723 acres</b>	Acres at the time of this agreement: <b>270,723 acres</b>		
Incident Cause:	<b>Lightning</b>		

### **Incident Numbers by Protection Agency:**

Agency	Incident #	Accounting Code
<b>BLM</b>	<b>MT-MCD-000252</b>	<b>K7FK</b>
<b>FWS</b>	<b>MT-MCD-000252</b>	<b>K7FK</b>
<b>MT DNRC</b>	<b>MT-MCD-000252</b>	<b>847010</b>

Cost Share Period: This agreement becomes effective on the date indicated below and will remain in effect until amended or terminated.

State date/time: **07/20/2017 at 15:17**

End date/time: **End of Incident**

**\*The Lodgepole Complex includes the Barker (K7A1), South Breaks (K7BS), Square Butte (K7BT) and Bridge Coulee (K7CL).**

### **Other conditions relative to this agreement:**

1. Costs incurred by cooperators not engaged with the host agency or IMT in the fire suppression activities will not be included as a part of this cost share agreement.
2. Responsibility for tort claim costs will not be a part of this agreement. Responsibility for these costs will be determined outside this agreement.
3. Costs for accountable, sensitive, and durable property purchased by each agency will be charged directly to that agency and will not be shared.



4. Non-suppression rehabilitation costs are the responsibility of the jurisdictional agency and will not be shared.
5. Each agency will bill for their costs as outlined in the MT Cooperative Fire Agreement billing procedures.

**Cost Share Methodology:**

The percentage of acres burned methodology was chosen for this complex of fires, because the values at risk were the same for all agencies involved. **See the attached map for incident acreage and for the final IMT e-ISuite estimated costs.**

**Final Agency Apportionment:**

1. Federal Share:

a.	USFS	%
b.	BLM	<b>37.7 %</b>
c.	FWS	<b>5.8 %</b>
d.	NPS	%
e.	BIA	%

2. State Share :

a.	MT	<b>56.5 %</b>
b.	ID	%
c.	ND	%
d.	other	%

**Principal Contacts:**

The following personnel are the principal contacts:

<b>Title:</b>	<b>Name:</b>	<b>Agency:</b>
Agency Administrator	<b>Chris Pileski</b>	<b>MT DNRC</b>
Agency Representative	<b>Todd Klemann</b>	<b>MT DNRC</b>
Agency Administrator	<b>Shane Findlay</b>	<b>BLM</b>
Agency Representative	<b>Eric Lepisto</b>	<b>BLM</b>
Agency Administrator	<b>Paul Santavy</b>	<b>FWS</b>
Agency Representative	<b>Jim Forsythe</b>	<b>FWS</b>
Incident Business Advisor(s)	<b>Sarah J. Lee</b> <b>Joe Majewski</b>	<b>BLM</b>
Incident Commander(s)	<b>Rick Connell</b>	<b>USFS</b>
Other IMT members as appropriate		



**Signatures of Authorized Personnel & Attachments:**

This agreement and the apportionment described are our best judgments of fair and equitable agency cost responsibilities.

List and include appropriate attachments (such as I-Suite reports, Aircraft Use Reports, map, etc.):

**Original Agreement: #1**

Supplemental Agreement: Number \_\_\_\_ Supersedes Agreement # \_\_\_\_ Dated \_\_\_\_\_


Agency Name: **Eastern Land Office, Montana DNRC**  
Address: **321 Main St. PO Box 1794**  
City, State Zip: **Miles City, MT 59301**

Signature:  Date: 7/31/17  
**Chris Pileski, Area Manager**

Agency Name: **Miles City Field Office, BLM**  
Address: **111 Garryowen Rd.**  
City, State Zip: **Miles City, MT 59301**

Signature:  Date: 7/31/17  
**Shane Findlay, Assistant Field Office Manager**

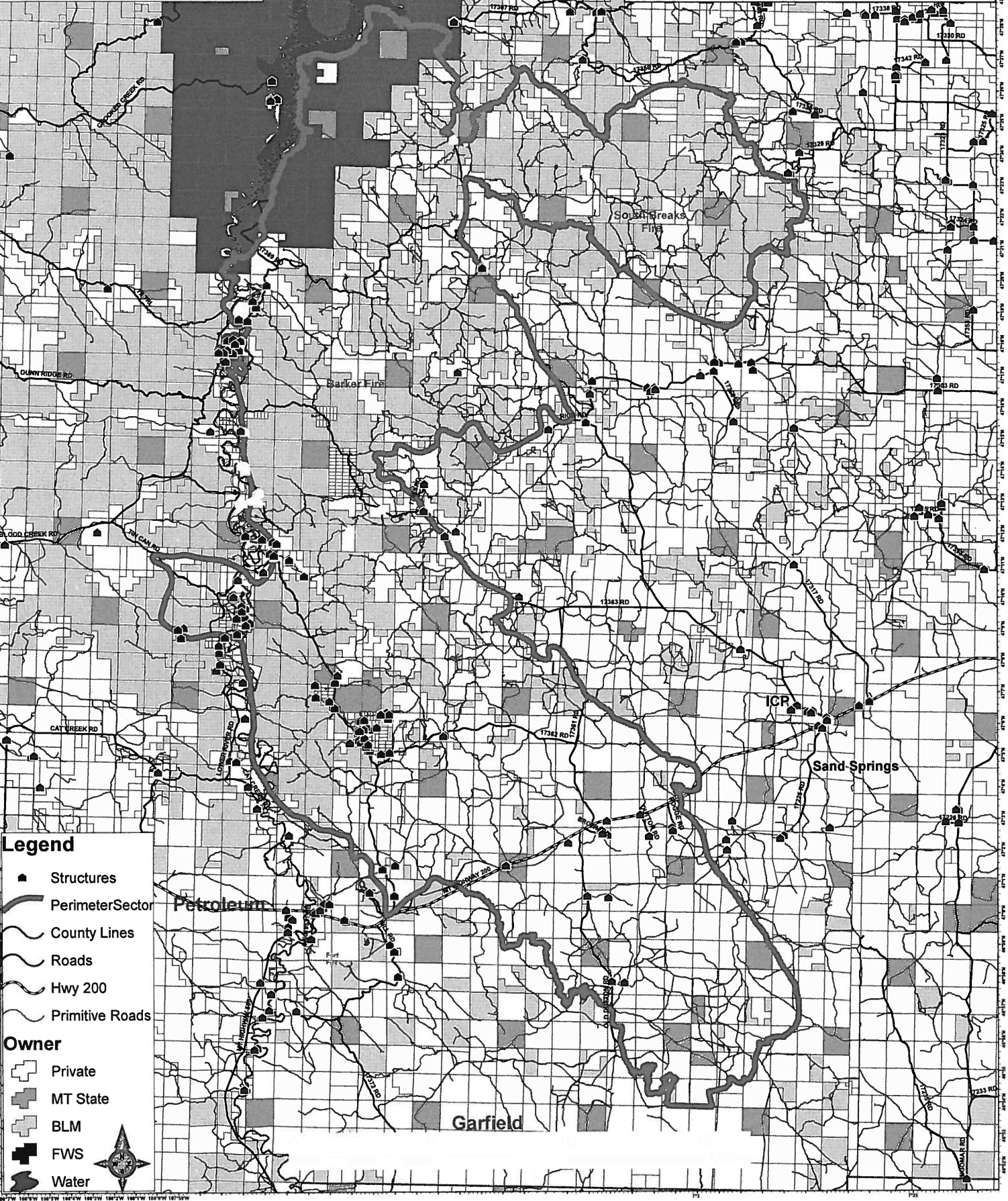
Agency Name: **Charles M Russell NWR Complex, FWS**  
Address: **333 Airport Road, PO Box 110**  
City, State Zip: **Lewistown, MT 59457**

Signature:  Date: 7/31/17  
**Paul Santavy, Project Leader**

**Lodgepole Complex**  
**MT-MCD-000252**  
 Ownership  
 7/31/2017  
 270,723 Ac.

7/30/2017

Surface Ownership	Acres	Percent
BLM	102,023	38%
Private	137,477	51%
MT State	16,612	6%
FWS	13,646	5%



**Legend**

- Structures
- PerimeterSector
- County Lines
- Roads
- Hwy 200
- Primitive Roads

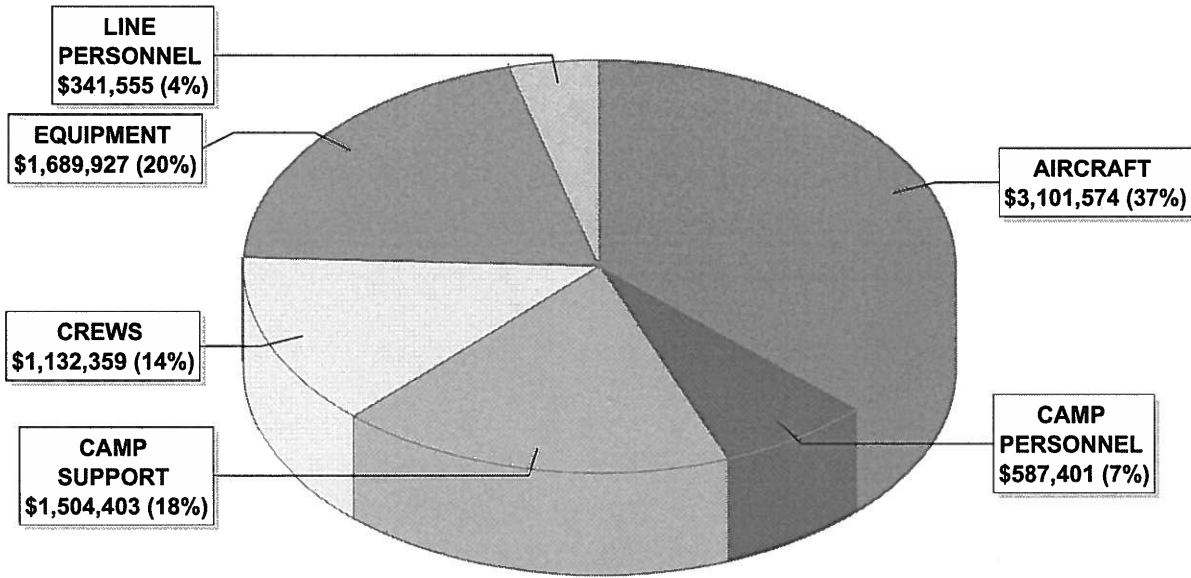
**Owner**

- Private
- MT State
- BLM
- FWS
- Water

**Group Category Summary Report by Incident**  
Incident: LODGEPOLE COMPLEX (US-MT-MCD-000252)

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**Group Category Summary Graph Report**



## Group Category Summary Report by Incident

Incident: LODGEPOLE COMPLEX (US-MT-MCD-000252)

### Group By Incident

	07/19/2017	07/20/2017	07/21/2017	07/22/2017	07/23/2017	07/24/2017	07/25/2017
AIRTANKER	174,206	418,585	576,620	593,152	506,508	53,336	0
FIXED WING AIR	3,894	32,492	0	25,441	29,261	89,252	9,080
HEAVY HELI	0	0	93,279	99,468	107,099	99,527	22,658
LIGHT HELI	6,611	3,899	5,452	6,145	4,636	24,267	19,556
MEDIUM HELI	0	18,265	21,496	0	0	0	0
<b>AIRCRAFT TOTAL</b>	<b>184,711</b>	<b>473,241</b>	<b>696,847</b>	<b>724,206</b>	<b>647,504</b>	<b>266,382</b>	<b>51,294</b>
HANDCREW-TYPE 1	0	0	0	11,620	35,922	46,049	48,378
HANDCREW-TYPE 2	0	14,570	31,673	26,973	23,683	20,629	21,332
HANDCREW-TYPE 2 1A	31,585	41,411	45,116	60,518	83,002	94,599	90,655
<b>CREWS TOTAL</b>	<b>31,585</b>	<b>55,981</b>	<b>76,789</b>	<b>99,111</b>	<b>142,607</b>	<b>161,277</b>	<b>160,365</b>
DOZERS	9,572	14,172	21,038	25,995	28,754	28,108	24,928
ENGINES	2,718	22,222	24,803	96,102	178,539	205,246	208,021
OTHER EQUIPMENT	0	0	0	0	0	0	0
<b>EQUIPMENT TOTAL</b>	<b>12,290</b>	<b>36,394</b>	<b>45,841</b>	<b>122,097</b>	<b>207,293</b>	<b>233,354</b>	<b>232,949</b>
DIRECT PERSONNEL	487	1,775	10,156	23,089	36,388	45,587	47,896
<b>LINE PERSONNEL TOTAL</b>	<b>487</b>	<b>1,775</b>	<b>10,156</b>	<b>23,089</b>	<b>36,388</b>	<b>45,587</b>	<b>47,896</b>
<b>DIRECT TOTAL</b>	<b>229,073</b>	<b>567,391</b>	<b>829,633</b>	<b>968,503</b>	<b>1,033,792</b>	<b>706,600</b>	<b>492,504</b>
INDIRECT PERSONNEL	0	7,490	29,611	41,574	55,402	62,391	66,615
<b>CAMP PERSONNEL TOTAL</b>	<b>0</b>	<b>7,490</b>	<b>29,611</b>	<b>41,574</b>	<b>55,402</b>	<b>62,391</b>	<b>66,615</b>
BUSES	0	0	765	2,057	2,857	800	800
CAMP CREW	0	0	0	5,673	6,155	6,155	6,155
CATERER	0	0	0	44,189	34,689	56,127	72,274
FACILITIES/OTHER	0	0	34,000	6,361	15,525	15,859	13,902
MOB/DEMOB	3,300	1,902	26,802	27,707	40,193	17,962	4,387
OTHER EQUIPMENT	1,625	4,625	9,276	8,620	8,768	9,139	9,862
RESCUE MEDICAL	0	0	0	2,100	2,100	2,077	2,083
SHOWERS	0	0	0	9,836	2,903	2,903	2,903
SUPPLIES	0	5,355	5,355	8,385	7,675	21,535	44,710
VEHICLES	0	75	1,233	1,316	1,749	1,523	2,393
WATER TENDERS	416	1,707	5,986	20,839	30,964	32,396	32,142
<b>CAMP SUPPORT TOTAL</b>	<b>5,341</b>	<b>13,664</b>	<b>83,417</b>	<b>137,083</b>	<b>153,578</b>	<b>166,476</b>	<b>191,611</b>
<b>INDIRECT TOTAL</b>	<b>5,341</b>	<b>21,154</b>	<b>113,028</b>	<b>178,657</b>	<b>208,980</b>	<b>228,867</b>	<b>258,226</b>
<b>DAILY TOTAL</b>	<b>234,414</b>	<b>588,545</b>	<b>942,661</b>	<b>1,147,160</b>	<b>1,242,772</b>	<b>935,467</b>	<b>750,730</b>

## Group Category Summary Report by Incident

Incident: LODGEPOLE COMPLEX (US-MT-MCD-000252)

	07/26/2017	07/27/2017	07/28/2017	07/29/2017	07/30/2017	TOTAL
AIRTANKER	0	0	0	0	0	2,322,407
FIXED WING AIR	2,484	6,313	0	0	0	198,217
HEAVY HELI	3,038	20,414	0	0	0	445,483
LIGHT HELI	4,675	4,675	7,531	8,259	0	95,706
MEDIUM HELI	0	0	0	0	0	39,761
<b>AIRCRAFT TOTAL</b>	<b>10,197</b>	<b>31,402</b>	<b>7,531</b>	<b>8,259</b>	<b>0</b>	<b>3,101,574</b>
HANDCREW-TYPE 1	10,809	0	0	0	0	152,778
HANDCREW-TYPE 2	23,389	22,192	22,737	15,968	9,400	232,546
HANDCREW-TYPE 2 1A	91,445	91,365	46,491	35,424	35,424	747,035
<b>CREWS TOTAL</b>	<b>125,643</b>	<b>113,557</b>	<b>69,228</b>	<b>51,392</b>	<b>44,824</b>	<b>1,132,359</b>
DOZERS	25,879	22,866	23,470	17,563	12,989	255,334
ENGINES	193,779	178,360	162,694	100,751	58,558	1,431,793
OTHER EQUIPMENT	0	0	0	1,400	1,400	2,800
<b>EQUIPMENT TOTAL</b>	<b>219,658</b>	<b>201,226</b>	<b>186,164</b>	<b>119,714</b>	<b>72,947</b>	<b>1,689,927</b>
DIRECT PERSONNEL	43,876	40,116	35,138	30,888	26,159	341,555
<b>LINE PERSONNEL TOTAL</b>	<b>43,876</b>	<b>40,116</b>	<b>35,138</b>	<b>30,888</b>	<b>26,159</b>	<b>341,555</b>
<b>DIRECT TOTAL</b>	<b>399,374</b>	<b>386,301</b>	<b>298,061</b>	<b>210,253</b>	<b>143,930</b>	<b>6,265,415</b>
INDIRECT PERSONNEL	70,234	67,430	67,097	61,511	58,046	587,401
<b>CAMP PERSONNEL TOTAL</b>	<b>70,234</b>	<b>67,430</b>	<b>67,097</b>	<b>61,511</b>	<b>58,046</b>	<b>587,401</b>
BUSES	800	800	1,398	0	0	10,277
CAMP CREW	5,164	6,050	5,391	3,615	3,615	47,973
CATERER	59,193	46,545	30,330	28,142	30,330	401,819
FACILITIES/OTHER	14,543	14,047	14,433	14,856	24,242	167,768
MOB/DEMOB	5,142	2,822	2,272	2,032	2,032	136,553
OTHER EQUIPMENT	10,274	9,494	10,878	10,322	9,122	102,005
RESCUE MEDICAL	2,100	2,100	2,100	2,100	2,100	18,860
SHOWERS	2,903	2,903	2,903	2,903	2,903	33,060
SUPPLIES	42,680	41,105	45,243	41,743	42,471	306,257
VEHICLES	3,000	3,854	4,074	3,760	3,616	26,593
WATER TENDERS	32,045	32,509	30,271	23,108	10,855	253,238
<b>CAMP SUPPORT TOTAL</b>	<b>177,844</b>	<b>162,229</b>	<b>149,293</b>	<b>132,581</b>	<b>131,286</b>	<b>1,504,403</b>
<b>INDIRECT TOTAL</b>	<b>248,078</b>	<b>229,659</b>	<b>216,390</b>	<b>194,092</b>	<b>189,332</b>	<b>2,091,804</b>
<b>DAILY TOTAL</b>	<b>647,452</b>	<b>615,960</b>	<b>514,451</b>	<b>404,345</b>	<b>333,262</b>	<b>8,357,219</b>



Fire Code:		K7FK		Incident Name		LODGEPOLE COMPLEX		Incident Cost Estimator				
Incident Agency:		BLM		Incident Number		MT-MDC-000252		N.Rockies - 2017 page #1				
PW to edit = fire		Yellow Cells: ENTER # of People				DO NOT EDIT Lt. Blue FORMULA CELLS !!!						
e-Isuite ITEM Code	COST ITEMS Modify as Needed:		Date	7/31/2017	Date	8/1/2017	Date	8/2/2017	Date	Date	Date	
	14 hr day est for Rates	Daily Cost	Units	Daily Cost	Units	Daily Cost	Units	Daily Cost	Units	Daily Cost	Units	
HC2	CREW: Handcrew TY2	\$9,800	2	\$ 19,600	2	\$ 19,600	2	\$ 19,600		\$ -		\$ -
HC1	CREW: Hotshots IHC TY1	\$9,800		\$ -		\$ -		\$ -		\$ -		\$ -
SMKJ	SmokeJumpers (8 people)	\$6,000		\$ -		\$ -		\$ -		\$ -		\$ -
HC2	CREW: Contract Handcrew	\$12,000		\$ -		\$ -		\$ -		\$ -		\$ -
HC2	CREW: State EFF	\$9,800		\$ -		\$ -		\$ -		\$ -		\$ -
HC2	CREW: Inmate (10 people)	\$2,250		\$ -		\$ -		\$ -		\$ -		\$ -
HC12	CREW: Inmate TY2	\$5,000		\$ -		\$ -		\$ -		\$ -		\$ -
HMOD	Helitack Mod (5 pers)	\$4,000	1	\$ 4,000	1	\$ 4,000	1	\$ 4,000		\$ -		\$ -
CC	Camp Crew (10 pers)	\$2,600		\$ -		\$ -		\$ -		\$ -		\$ -
CREW TOTALS		# People	25	\$ 23,600	25	\$ 23,600	25	\$ 23,600		\$ -		\$ -
Total # of OH LINE (Hazard Pay)		\$800	11	\$ 8,800	11	\$ 8,800	11	\$ 8,800		\$ -		\$ -
Total # of Misc OH (Non-Hazard)		\$420	10	\$ 4,200	10	\$ 4,200	10	\$ 4,200		\$ -		\$ -
ENG#	Federal ENG Type 3-4	\$2,200	3	\$ 6,600	3	\$ 6,600	3	\$ 6,600		\$ -		\$ -
ENG#	Federal ENG Type 6	\$2,200	10	\$ 22,000	10	\$ 22,000	10	\$ 22,000		\$ -		\$ -
ENG#	State/Coop ENG TY 1-3	\$3,000		\$ -		\$ -		\$ -		\$ -		\$ -
ENG#	State /Coop ENG TY 4-6	\$2,000		\$ -		\$ -		\$ -		\$ -		\$ -
ENG#	Private ENG Type 6	\$1,800		\$ -		\$ -		\$ -		\$ -		\$ -
WAT#	Water Tender TY3 est	\$1,400	5	\$ 7,000	5	\$ 7,000	5	\$ 7,000		\$ -		\$ -
SKG1	Skidgine TY1	\$3,000		\$ -		\$ -		\$ -		\$ -		\$ -
DOZ#	Dozer PVT - Avg. Type 2	\$2,200	3	\$ 6,600	3	\$ 6,600	3	\$ 6,600		\$ -		\$ -
LOWB	TRAN Daily w/Mileage	\$1,200	4	\$ 4,800	4	\$ 4,800	4	\$ 4,800		\$ -		\$ -
EXCA	Excavator	\$1,400	1	\$ 1,400	1	\$ 1,400	1	\$ 1,400		\$ -		\$ -
EQUIPMENT TOTALS		# People	60	\$ 48,400	60	\$ 48,400	60	\$ 48,400		\$ -		\$ -
Unit	Aircraft: Average Cost per Unit Est.	ENTER DAILY COST BASED ON HELIBASE COST SUMMARY, DISP, AND TANKER BASE SUMMARY										
FT/HR	HEL1 - Sikorsky	\$6,500		18,630		18,360		18,360		-		-
FT/HR	HEL2 (205, 212, UH-1H)	\$3,000		-		-		-		-		-
FT/HR	HEL3 (500-D, 206, B3)	\$1,600		1,600		1,600		1,600		-		-
Per Run	AirTanker TY1 ave 3,000 gallons	\$7,500		-		-		-		-		-
Per Run	AirTanker TY2 ave 2,400 gallons	\$5,500		-		-		-		-		-
Per Run	SEAT 800 gal	\$4,000		-		-		-		-		-
RET	Retardant / cost per gallon	\$ 2.00		-		-		-		-		-
DAY	Fixed Wing: AA, LP, FWO, IRF	\$1,100		-		-		-		-		-
RndTrip	SmokeJumper Delivery	\$3,000		-		-		-		-		-
AIR TOTAL				\$ 20,230		\$ 19,960		\$ 19,960		\$ -		\$ -
**SUPPORT COST Methods: (1) Est for All Support Items Individually						OR	** (2) Daily Est Support Cost Per Person					
OS	AQM or Expanded per person/day	\$600	1	\$ 600	1	\$ 600	1	\$ 600		\$ -		\$ -
SUP	Cache (ENTER # people)	\$40	130	\$ 5,200	130	\$ 5,200	130	\$ 5,200		\$ -		\$ -
CTR	Caterer (ENTER # people)	\$65	130	\$ 8,450	130	\$ 8,450	130	\$ 8,450		\$ -		\$ -
FT	Fuel Trk & Est GOV Fuel.	\$1,500	1	\$ 1,500	1	\$ 1,500	1	\$ 1,500		\$ -		\$ -
MISC	Elec/Generator power/day	\$350	1	\$ 350	1	\$ 350	1	\$ 350		\$ -		\$ -
GRAY	Gray Water Trk	\$1,300	1	\$ 1,300	1	\$ 1,300	1	\$ 1,300		\$ -		\$ -
TRA	Garbage / Dumpsters (EA)	\$200	1	\$ 200	1	\$ 200	1	\$ 200		\$ -		\$ -
HNDW	Hand washing Stations	\$65	15	\$ 975	15	\$ 975	15	\$ 975		\$ -		\$ -
LITE	Lite Towers	\$150	2	\$ 1,000	2	\$ 1,000	2	\$ 1,000		\$ -		\$ -
LUA	Land Use Agmts (Day)	\$500	1	\$ 500	1	\$ 500	1	\$ 500		\$ -		\$ -
MISC	Phone Service/Day	\$250	1	\$ 250	1	\$ 250	1	\$ 250		\$ -		\$ -
TRLR	Office or Helibase Trailer	\$1,800	1	\$ 1,800	1	\$ 1,800	1	\$ 1,800		\$ -		\$ -
MISC	Rented Office Eqmt i.e. copier	\$150	1	\$ 150	1	\$ 150	1	\$ 150		\$ -		\$ -
TLT	Porta Potties w/service #EA	\$65	13	\$ 845	13	\$ 845	13	\$ 845		\$ -		\$ -
POT	Potable H2O Truck TY2	\$1,500	1	\$ 1,500	1	\$ 1,500	1	\$ 1,500		\$ -		\$ -
REN	Rental Vehicles Average	\$90	2	\$ 180	2	\$ 180	2	\$ 180		\$ -		\$ -
WEED	Weed Wash	\$1,600	1	\$ 1,600	1	\$ 1,600	1	\$ 1,600		\$ -		\$ -
REF	Reefer	\$200	1	\$ 200	1	\$ 200	1	\$ 200		\$ -		\$ -
SHW	Showers (mobile unit)	\$2,800	1	\$ 2,800	1	\$ 2,800	1	\$ 2,800		\$ -		\$ -
TENT	Tent/Yurt	\$325		\$ -		\$ -		\$ -		\$ -		\$ -
TRAN	Trans In & Out (AOV /POV)	\$300		\$ -		\$ -		\$ -		\$ -		\$ -
TRAN	Travel Air (Round Trip)	\$900		\$ -		\$ -		\$ -		\$ -		\$ -
SUP	Supplies Daily Cost SUM	Enter Value		1,000		1,000		1,000				
** Est Spt Cost Per Person		\$125		\$ -		\$ -		\$ -		\$ -		\$ -
SUPPORT COST SUMS				\$ 30,400		\$ 30,400		\$ 30,400		\$ -		\$ -
PERSONNEL and COST ~ AUTO SUMS			106	\$ 135,630	106	\$ 135,360	106	\$ 135,360	0	\$ -	0	\$ -
Running SUM for GRAND TOTAL: Bal Frwd or \$0 in 1st Box →		#####		\$ 8,435,630		\$ 8,570,990		\$ 8,706,350		\$ 8,706,350		\$ 8,706,350
Enter TOTAL Acres Each Day for COST PER ACRE			0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!