

**SRS, Inc.**

**Sunnyside Reclamation & Salvage, Inc.**

P.O. Box 99 — Sunnyside, Utah 84539

0011

October 30, 1989

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DIVISION OF  
OIL, GAS & MINING

Mr. Rick Smith  
Department of Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Smith:

Re: Revised Bond Calculations, Sunnyside Mines, ACT/007/007

# 2

Enclosed are the revised bond calculations including the removal of the surface facilities. The surface facilities were previously listed as being left for commercial usage.

Please replace the enclosed pages in Chapter III upon review and approval.

If you have any questions, please feel free to call.

Sincerely,



Karl R. Houskeeper  
Environmental Technician

KRH:th

Enclosures

cc: Bill Balaz  
Randy Peterson  
Alden Whitehead  
Jeff Vigil

## CHAPTER III

### 3.5.7.2 Bond Estimate

#### Mine Portal Sealing

There are 33 portals (Table III-5) and 8 shafts (Table III-5) within the Sunnyside permit area that have not been reclaimed. Nine portals have been sealed but not covered and reclaimed. The portals and shafts are located on Plate III-1. The descriptive parameters are described in Plate III-18 (1 of 2) and Plate III-18 (2 of 2). Tables III-6 and III-8 give a summary and details of shaft sealing costs. Table III-5 gives detail and summary costs for portal sealing.

#### Portal Closure and Fill

Portal closure and fill costs (Table III-9) include the transport of enough fill material to cover portals to blend with topography where no highwall regrading was calculated. Costs are also included to blast shut portals on top of cliffs that cannot be accessed by equipment. There would be major surface disturbance to construct access roads to close the portals that the operator is proposing to blast shut.

#### Dismantling and Removing Facilities

A complete list of facilities is included in Table III-1 and shown on Plate III-1. The cost of facilities removal was derived from the Means Construction Handbook (1986). These costs include facility dismantling and removal from the site. Foundation breakage and burial sufficient for regrading and reclamation is included. Table III-1 gives the breakdown and cost estimate for facility removal. Unit costs for floor slab removal were converted from costs per square foot to costs per cubic foot for slabs and foundations to allow for ease of calculations when slab thickness varied. Footing removal unit costs were also converted from cost per linear foot to cubic foot. Some of the foundations are covered when the area is regraded and will not be removed.

Power line removal costs were an average of previous removal cost estimates and bids.

#### Culvert Removal

A total of 26 culverts (Table III-22) are to be removed inside the permit boundary during reclamation. Cost and source of information are shown on the table.

#### Drill Hole Plugging

## CHAPTER III

SUNNYSIDE RECLAMATION AND SALVAGE  
SUNNYSIDE MINE - RECLAMATION BOND  
BOND ESTIMATE  
REVISED 10/18/89

TABLE III-11  
REVEGETATION COST SUMMARY

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AREA NUMBER	AREA DESCRIPTION	VEGETATION TYPE	TOTAL ACRES	% STEEP SLOPES	HYDROSEEDING			ACRES	DRILLING COST /ACRE	DRILLED COST	TOTAL REVEGETATION COST
					ACRES	COST /ACRE	COST				
1	Main complex, including offices, shop, warehouse, parking lot, unit train, preparation plant, No. 3 Mine fan, industrial water tanks, mine portals, & substations.	Sagebrush grass	55.83	0%	0.00	\$642	\$0	55.83	\$403	\$22,498	\$22,498
2	No. 2 Mine fan, substations, portals, & road.	Sagebrush grass	2.95	0%	0.00	\$642	\$0	2.95	\$403	\$1,189	\$1,189
3	No. 1 Mine Whitmore Canyon	Sagebrush grass	6.53	0%	0.00	\$642	\$0	6.53	\$403	\$2,631	\$2,631
4	Storage yard, No. 2 Canyon fan & portal.	Sagebrush grass	7.82	0%	0.00	\$642	\$0	7.82	\$403	\$3,151	\$3,151
5	No. 2 Mine Water Canyon portals & road.	Sagebrush grass	10.71	0%	0.00	\$642	\$0	10.71	\$403	\$4,316	\$4,316
6	Test plot, camp, manshaft pond road, methane vent, sediment pond, and mine water discharge.	Sagebrush grass	5.72	0%	0.00	\$642	\$0	5.72	\$403	\$2,305	\$2,305
7	Refuse disposal areas, industrial waste borrow area, and slurry pond. No revegetation at Columbia bleeders.	Pinyon-juniper & grass.	175.42	20%	35.08	\$701	\$24,577	140.34	\$441	\$61,842	\$86,419
8	No. 1 Mine outcrop fan, substations, portals, roads, and Outside Raise	Pinyon-juniper	8.35	36%	3.01	\$696	\$2,092	5.34	\$436	\$2,331	\$4,423
9	Upper changehouse, twin shaft fan, manshaft, hoisthouse, Pole Canyon shaft, and B Canyon portal.	Mountain brush	13.88	100%	13.88	\$744	\$10,329	0.00	\$494	\$0	\$10,329
TOTAL REVEGETATION			287.21		51.97		\$36,998	235.24		\$100,263	\$137,261

See equipment operating cost sheets for hourly and unit cost backup.

Average Revegetation Cost/Acre

\$478

TABLE III-1  
 ESTIMATED COST OF DISMANTLING AND REMOVING FACILITIES

AREA NUMBER	I.D. NUMBER	ITEM	APPROXIMATE YEAR OF COMPLETION	CONSTRUCTION & NOTES	LENGTH	WIDTH	EAVE HEIGHT	STRUCTURE			FOUNDATION				TOTAL COST				
								VOLUME	COST /UNIT	UNITS	STRUCTURE COST	LENGTH	WIDTH	THICKNESS		VOLUME	COST /UNIT	UNITS	FOUNDATION COST
		Power Lines		Costs on a per pole cost.	88.0			0	\$100.00	POLE	\$8,800			0	\$0	\$8,800			
1		Parking Lot						11,400	\$1.45	S.Y.	\$1,837			0	\$0	\$1,837			
1		Materials Track			13,055.0				\$12.20	L.F.	\$159,271			0	\$0	\$159,271			
1	B 1.1	Main Office	1974	Foundation covered by regrade	51.0	50.0	14.2	36,210	\$0.17	C.F.	\$6,156			0	\$0	\$6,156			
1	B 1.2	Warehouse	1953	Foundation covered by regrade	199.0	72.0	23.0	329,544	\$0.17	C.F.	\$56,022			0	\$0	\$56,022			
1	B 2	Main Changehouse	1953	Foundation covered by regrade	175.0	71.0	23.0	285,775	\$0.17	C.F.	\$48,582			0	\$0	\$48,582			
1	B 2.1	Training Building		Foundation covered by regrade	120.0	37.0	17.0	60,000	\$0.17	C.F.	\$10,200			0	\$0	\$10,200			
1	B 3	Shop	1953	Foundation covered by regrade	202.0	102.0	37.0	762,348	\$0.17	C.F.	\$129,599			0	\$0	\$129,599			
1	B 4	Warehouse Annex	1960's	Foundation covered by regrade	204.0	30.0	13.5	82,620	\$0.17	C.F.	\$14,045			0	\$0	\$14,045			
1	B 5	Engineering Office	1975-76	Foundation covered by regrade	54.0	39.0	13.5	28,431	\$0.17	C.F.	\$4,833			0	\$0	\$4,833			
1	B 6.1	Backfill Building		Metal Building	81.0	49.0	54.0	214,326	\$0.17	C.F.	\$36,435	81.0	49.0	1.5	5,954	\$7.40	C.F.	\$44,056	\$80,491
1	B 6.2a	Preparation Plant	pre-1950		120.0	80.0	50.0	706,000	\$0.22	C.F.	\$155,320	120.0	80.0	3.0	28,800	\$3.00	C.F.	\$86,400	\$241,720
1	B 6.2b	Crusher	pre-1950	Foundation covered by regrade	60.0	30.0	39.0	70,200	\$0.17	C.F.	\$11,934			0	\$0	\$0	\$11,934		
1	B 6.2c	Blending Bins	pre-1950	Foundation covered by regrade	140.0	35.0	69.0	250,000	\$0.22	C.F.	\$55,000			0	\$0	\$0	\$55,000		
1	B 6.3a	Stockpile Belt Concrete Pier Support	1968-69					0	\$0		\$0	16.0	3.8	3.0	182	\$3.00	C.F.	\$547	\$547
1	B 6.3a	Stockpile Belt Concrete Pier Support	1968-69					0	\$0		\$0	10.5	6.4	3.0	202	\$3.00	C.F.	\$605	\$605
1	B 6.3a	Stockpile Belt Concrete Pier Support - 2	1968-69					0	\$0		\$0	16.0	4.0	3.0	384	\$3.00	C.F.	\$1,152	\$1,152
1	B 6.3a	Stockpile Belt Concrete Pier @ Tower	1968-69	Foundation covered by regrade				0	\$0		\$0				0	\$0	\$0	\$0	
1	B 6.3a	Stockpile Belt Concrete Pier Supports - 14	1968-69					0	\$0		\$0	3.0	6.0	3.0	54	\$3.00	C.F.	\$162	\$162
1	B 6.3a	Loadout Conveyor	1968-69		1,230.0			0	\$10.00	L.F.	\$12,300				0	\$0	\$0	\$12,300	
1	B 6.4	Rotary Car Dump	pre-1950	Foundation covered by regrade	70.0	30.0	7.2	15,120	\$0.17	C.F.	\$2,570				0	\$0	\$0	\$2,570	
1	B 6.4	Prep Plant Office	pre-1950	Block Walls	20.0	16.0	8.9	2,848	\$0.17	C.F.	\$484	20.0	16.0	0.5	160	\$7.40	C.F.	\$1,184	\$1,668
1	B 6.5	Prep Plant Belt MCC Building	pre-1950	Block Walls	18.8	20.7	9.4	3,658	\$0.17	C.F.	\$622	18.8	20.7	0.5	195	\$7.40	C.F.	\$1,440	\$2,062
4	B 7	Materials Foreman's Office	pre-1950	Block Walls	16.0	20.0	8.1	2,592	\$0.17	C.F.	\$441	16.0	20.0	0.5	160	\$7.40	C.F.	\$1,184	\$1,625
1	B 8	Hoist House, No. 3 Mine			64.0	33.0	18.0	38,016	\$0.17	C.F.	\$6,463	64.0	33.0	1.5	3,168	\$3.00	C.F.	\$9,504	\$15,967
9	B 9	Manshaft Bathhouse	1973	Metal Frame	100.0	40.0	15.2	60,800	\$0.17	C.F.	\$10,336	100.0	40.0	0.5	2,000	\$7.40	C.F.	\$14,800	\$25,136
9	B 10	Hoist House, Manshaft	1973	Block Walls. Foundation covered by regrad	24.0	27.0	11.4	7,387	\$0.17	C.F.	\$1,256				0	\$0	\$0	\$1,256	
9	B 10.1	Headframe, Manshaft	1973		15.0	12.0	40.0	7,200	\$0.17	C.F.	\$1,224	15.0	12.0	1.0	180	\$7.40	C.F.	\$1,332	\$2,556
1	B 12	Bulk Rock Dust Tank	1977		8.0		30.0	1,508	\$0.17	C.F.	\$256				0	\$0	\$0	\$256	
5	B 13	Water Canyon Hoist House		Concrete (Still has cable drum in place)	24.0	21.5	12.0	6,192	\$0.22	C.F.	\$1,362	24.0	21.5	1.5	774	\$7.40	C.F.	\$5,728	\$7,090
1	B 15	No. 3 Mine Milk Building		Block Walls	21.3	18.7	8.7	3,457	\$0.17	C.F.	\$588	21.3	18.7	0.5	199	\$7.40	C.F.	\$1,470	\$2,058
1	B 16	Garage @ Mouth of No. 2 Canyon		Block Walls	24.0	28.0	9.0	6,048	\$0.17	C.F.	\$1,028	24.0	28.0	0.5	336	\$7.40	C.F.	\$2,486	\$3,515
1	B 17	No. 2 Canyon Trestle Building		Concrete	25.3	16.0	11.0	4,453	\$0.22	C.F.	\$980	25.3	16.0	0.5	202	\$7.40	C.F.	\$1,498	\$2,477
4	B 18	Lunch Shed		Wood Frame & Floor with Corrugated Siding	9.0	12.0	7.6	821	\$0.17	C.F.	\$140				0	\$0	\$0	\$140	
4	B 19	No. 2 Canyon Storage Building		Wood Frame & Floor with corrugated siding	11.0	12.0	7.3	964	\$0.17	C.F.	\$164				0	\$0	\$0	\$164	
4	B 20	No. 2 Canyon Repair Shop		Wood Frame & Floor with corrugated siding	12.0	16.5	8.9	1,762	\$0.17	C.F.	\$300				0	\$0	\$0	\$300	
4	B 21	No. 2 Canyon Material Shed		Wood Frame with Corrugated Walls - 3 sides	130.0	19.4	9.0	22,698	\$0.17	C.F.	\$3,859	130.0	19.4	0.5	1,261	\$7.40	C.F.	\$9,331	\$13,190
9	B 22	Manshaft Milk Building		Block Walls. Foundation covered by regrad	18.0	14.0	9.5	2,394	\$0.17	C.F.	\$407				0	\$0	\$0	\$407	
5	B 23	Water Canyon Bridge						0	\$0		\$0	48.0	26.0	1.5	1,872	\$3.00	C.F.	\$5,616	\$5,616
2	E 1	Substation, No. 2 Mine Outcrop	pre-1950		50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
8	E 2	Substation, No. 1 Mine Outcrop	pre-1950		50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
1	E 3	Substation, above Rotary Dump	pre-1950		50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
1	E 4	Substation, Roadside	1979		50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
3	E 5	Substation, near Whitmore Canyon Fan	late-1950's		50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
6	E 6	Substation, at Methane Vent Hole			50.0	50.0	20.0	50,000	\$0.17	C.F.	\$8,500				0	\$0	\$0	\$8,500	
2	F 1	Fan, No. 2 Mine	early 1950's		60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060	60.0	25.0	0.5	750	\$7.40	C.F.	\$5,550	\$8,610
1	F 2	Fan, No. 3 Mine	early 1950's		60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060	60.0	25.0	0.5	750	\$7.40	C.F.	\$5,550	\$8,610
4	F 3	Fan, No. 3 Mine in No. 2 Canyon (Shaft)	1977	Foundation covered by regrade	60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060				0	\$0	\$0	\$3,060	
8	F 4	Fan, No. 1 Mine Outcrop	early 1950's		60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060	60.0	25.0	0.5	750	\$7.40	C.F.	\$5,550	\$8,610
3	F 5	Fan, No. 1 Mine Whitmore Canyon	late-1950's		60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060	60.0	25.0	0.5	750	\$7.40	C.F.	\$5,550	\$8,610
9	F 6	Fan, No. 1 Mine Twin Shafts	1975	Foundation covered by regrade	60.0	25.0	12.0	18,000	\$0.17	C.F.	\$3,060				0	\$0	\$0	\$3,060	
1	M 1	Powder Magazine		Concrete (Covered by highwall regrading)				0	\$0		\$0				0	\$0	\$0	\$0	
4	M 2	Detonator Caps Magazine		Concrete	10.0	12.0	8.0	960	\$0.22	C.F.	\$211	10.0	12.0	1.0	120	\$7.40	C.F.	\$888	\$1,099
1	W 1a	Mine Water Tank	1955	Foundation covered by regrade	70.0		18.0	69,272	\$0.17	C.F.	\$11,776				0	\$0	\$0	\$11,776	
1	W 1b	Mine Water Tank	1955	Foundation covered by regrade	70.0		18.0	69,272	\$0.17	C.F.	\$11,776				0	\$0	\$0	\$11,776	
9	W 2	Culinary Water Tank	1953	Permanent				0	\$0		\$0				0	\$0	\$0	\$0	

\$835,937

\$211,583

\$1,047,520

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## CHAPTER III

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SUNNYSIDE RECLAMATION AND SALVAGE  
SUNNYSIDE MINE - RECLAMATION BOND  
BOND ESTIMATE  
REVISED 10/18/89

TABLE III-25  
RECLAMATION & REVEGETATION COST SUMMARY

DIVISION OF  
OIL, GAS & MINING

AREA NUMBER	AREA DESCRIPTION	TOTAL ACRES	MINE SEALING	REGRAIDING DISTURBED AREAS	REGRAIDING HIGHWALL AREAS	PORTAL CLOSURE & FILL	SOIL TEST FERTILIZE & PREPARE	REVEGETATE	POND RECLAIM	SUB-TOTAL RECLAMATION COST
1	Main complex, including offices, shop, warehouse, parking lot, unit train, preparation plant, No. 3 Mine fan, industrial water tanks, mine portals, & substations.	55.83	\$10,590	\$38,530	\$82,472	\$199	\$11,404	\$21,869	\$5,237	\$170,301
2	No. 2 Mine fan, substations, portals, & road.	2.95	\$4,907	\$1,137	\$2,048	\$1,372	\$603	\$1,189		\$11,256
3	No. 1 Mine Whitmore Canyon shafts, road, & ponds	6.53	\$5,200	\$1,323	\$476		\$1,334	\$2,631	\$2,920	\$13,884
4	Storage yard, No. 2 Canyon fan & portal.	7.82	\$5,619	\$4,958	\$49,430	\$1,700	\$1,597	\$3,151	\$85	\$66,541
5	No. 2 Mine Water Canyon portals & road.	10.71	\$7,833	\$15,244	\$2,604		\$2,188	\$4,316		\$32,184
6	Test plot, camp, manshaft pond road, methane vent, sediment pond, and mine water discharge.	5.72		\$2,261			\$1,168	\$2,305		\$5,734
7	Refuse disposal areas, industrial waste borrow area, & slurry ponds.  Columbia bleeders have no regrade.	175.42		\$580,915		\$5,100	\$35,831	\$86,419	\$19,438	\$727,703
8	No. 1 Mine outcrop fan, substations, portals, roads, and Outside Raise	8.35	\$12,713	\$3,300		\$4,594	\$1,706	\$4,423		\$26,735
9	Upper changehouse, twin shaft fan, manshaft, hoisthouse, Pole Canyon shaft, and B Canyon portal.	13.88	\$6,057	\$6,264	\$35,315	\$870	\$2,835	\$10,329	\$2,512	\$64,181
<b>TOTAL</b>		<b>287.21</b>	<b>\$52,919</b>	<b>\$653,932</b>	<b>\$172,346</b>	<b>\$13,835</b>	<b>\$58,666</b>	<b>\$136,632</b>	<b>\$30,191</b>	<b>\$1,118,520</b>

Note: Soil Test, Fertilize, & Prepare cost based on acres x \$204.26/acre  
See backup cost calculation sheet.

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CHAPTER III

SUNNYSIDE RECLAMATION & SALVAGE DIVISION OF  
SUNNYSIDE MINE OIL, GAS & MINING  
BOND ESTIMATE  
REVISED 10/18/89

CHAPTER III

TABLE III-19  
REGRADE AREAS OUTSIDE HIGHWALL

AREA	DESCRIPTION	DISTURBED ACRES	CY REGRADE @ 1' DEPTH	CAT D8L WITH S BLADE				CAT D8L TRIPLE SHANK RIPPER				CAT 769C TRUCK			CAT 988B LOADER			TOTAL COST	AVERAGE COST	
				DOZER C.Y.	PUSH DISTANCE	RATE /C.Y.	DOZING COST	RIPPING C.Y.	RIP DISTANCE	RATE /C.Y.	RIPPING COST	TRUCK C.Y.	HAUL MILES	RATE /C.Y.	TRUCK COST	LOADER C.Y.	RATE /C.Y.			LOADER COST
1	General Area Grading	55.83	90,072	90,072	150	\$0.300	\$27,022	90,072	400	\$0.091	\$8,197	0			\$0			\$35,218	\$0.391	
2	General Area Grading	2.95	4,759	4,759	50	\$0.140	\$666	4,759	150	\$0.099	\$471					0	\$0	\$1,137	\$0.239	
3	General Area Grading	3.43 3.1	5,534 5,001	5,534 5,001	50 100	\$0.140 \$0.220	\$775 \$1,100	5,534 5,001	150 100	\$0.099 \$0.105	\$548 \$525					0	\$0	\$1,323 \$1,625	\$0.239 \$0.325	
4	General Area Grading	7.82	12,616	12,616	150	\$0.300	\$3,785	12,616	300	\$0.093	\$1,173						\$0	\$4,958	\$0.393	
5	Water Canyon Refuse Borrow Haul General Area Grading (Area not covered in H.W. regrade or refuse area)	3.73 5.91	6,018 9,535	6,018 9,535	50 50	\$0.140 \$0.140	\$842 \$1,335	6,018 9,535	300 100	\$0.093 \$0.105	\$560 \$1,001	6,018	2.0	\$1.250	\$7,522	6,018	\$0.662	\$3,984	\$12,908 \$2,336	\$2.145 \$0.245
6	General Area Grading	5.72	9,228	9,228	50	\$0.140	\$1,292	9,228	100	\$0.105	\$969							\$2,261	\$0.245	
7	Slurry Area Coarse Refuse (4' Depth) Areas Not Covered by Borrow	71.49 47.04 56.89	115,337 303,565 91,783	115,337 303,565 91,783	50 50 50	\$0.140 \$0.140 \$0.140	\$16,147 \$42,499 \$12,850	115,337 303,565 91,783	400 400 400	\$0.046 \$0.046 \$0.046	\$5,306 \$13,964 \$4,222	115,337 303,565	0.5 0.5	\$0.780 \$0.780	\$89,963 \$236,781	115,337 303,565	\$0.380 \$0.380	\$43,828 \$115,355	\$155,244 \$408,598 \$17,072	\$1.346 \$1.346 \$0.186
8	General Area Grading	8.35	13,471	13,471	50	\$0.140	\$1,886	13,471	100	\$0.105	\$1,414							\$3,300	\$0.245	
9	General Area Grading	9.88	15,940	15,940	150	\$0.300	\$4,782	15,940	300	\$0.093	\$1,482							\$6,264	\$0.393	
SUB-TOTAL		282.14		682,859			\$114,981	682,859			\$39,832	424,920			\$334,266	424,920	\$163,166	\$652,245	\$0.955	
TOTAL			682,859																	

See equipment operating cost sheets for hourly and unit cost backup.

CHAPTER III

SUNNYSIDE RECLAMATION & SALVAGE  
 SUNNYSIDE MINE - RECLAMATION BOND  
 BOND ESTIMATE  
 REVISED 10/18/89

TABLE III-29  
 TOTAL PERFORMANCE BOND ESTIMATE

	SRS AREA	SFC AREA	TOTAL
Mine Sealing	\$52,919		\$52,919
Regrading Disturbed Areas	\$71,331	\$580,914	\$652,245
Regrading Highwall Areas	\$172,346		\$172,346
Portal Closure & Fill	\$13,835		\$13,835
Soil Testing, Preparation & Fertilizing	\$21,883	\$35,831	\$57,714
Revegetation	\$50,842	\$86,419	\$137,261
Pond Reclamation	\$10,112	\$19,438	\$29,550
Dismantling & Removing Facilities	\$1,047,520		\$1,047,520
Culvert Removal	\$7,879	\$1,605	\$9,484
Plug Drill Holes	\$1,956		\$1,956
Contractor Mobilization & Demobilization	\$10,000		\$10,000
Monitoring During 10 Year Responsibility	\$97,180	\$69,840	\$167,020
Revegetation @ 40% Failure Rate *	\$29,090	\$48,900	\$77,990
On-Site Manager - (8 mo. x \$4,000/mo.)	\$32,000		\$32,000
Contingency - 10%	\$1,618,893	\$842,947	\$2,461,840
	\$161,889	\$84,295	\$246,184
<b>TOTAL PERFORMANCE BOND ESTIMATE</b>	<b>\$1,780,782</b>	<b>\$927,242</b>	<b>\$2,708,024</b>

\* Calculation for Revegetation Failure Rate Cost

Soil Testing, Prep., & Fertilizing	\$21,883	\$35,831	\$57,714
Revegetation	\$50,842	\$86,419	\$137,261
<b>Total Revegetation &amp; Soil Testing</b>	<b>\$72,725</b>	<b>\$122,250</b>	<b>\$194,975</b>
Disturbed Acres	111.79	175.42	285.65
Cost/Disturbed Acre	\$651	\$697	\$683
Cost at 40% Failure Rate	\$29,090	\$48,900	\$77,990

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