REDACTED VERSION

Jackpile Reclamation Project

PUEBLO OF LAGUNA

P.O. BOX 194

LAGUNA, NEW MEXICO 87026

Office of
Reclamation Project Manager

(505) 243-7616

Post-it™ routing request pad 7664

[redacted]

PROJECT STATUS REPORT

NO. 17

DECEMBER, 1990

Confidential Claim Retracted

AUTHORIZED BY: [illegible]

DATE: 5/10/13

BY: J. H. Olsen, Jr.

J. OLSEN, JR., P.E.
RECLAMATION PROJECT MANAGER

SEE DISTRIBUTION LIST

9404049

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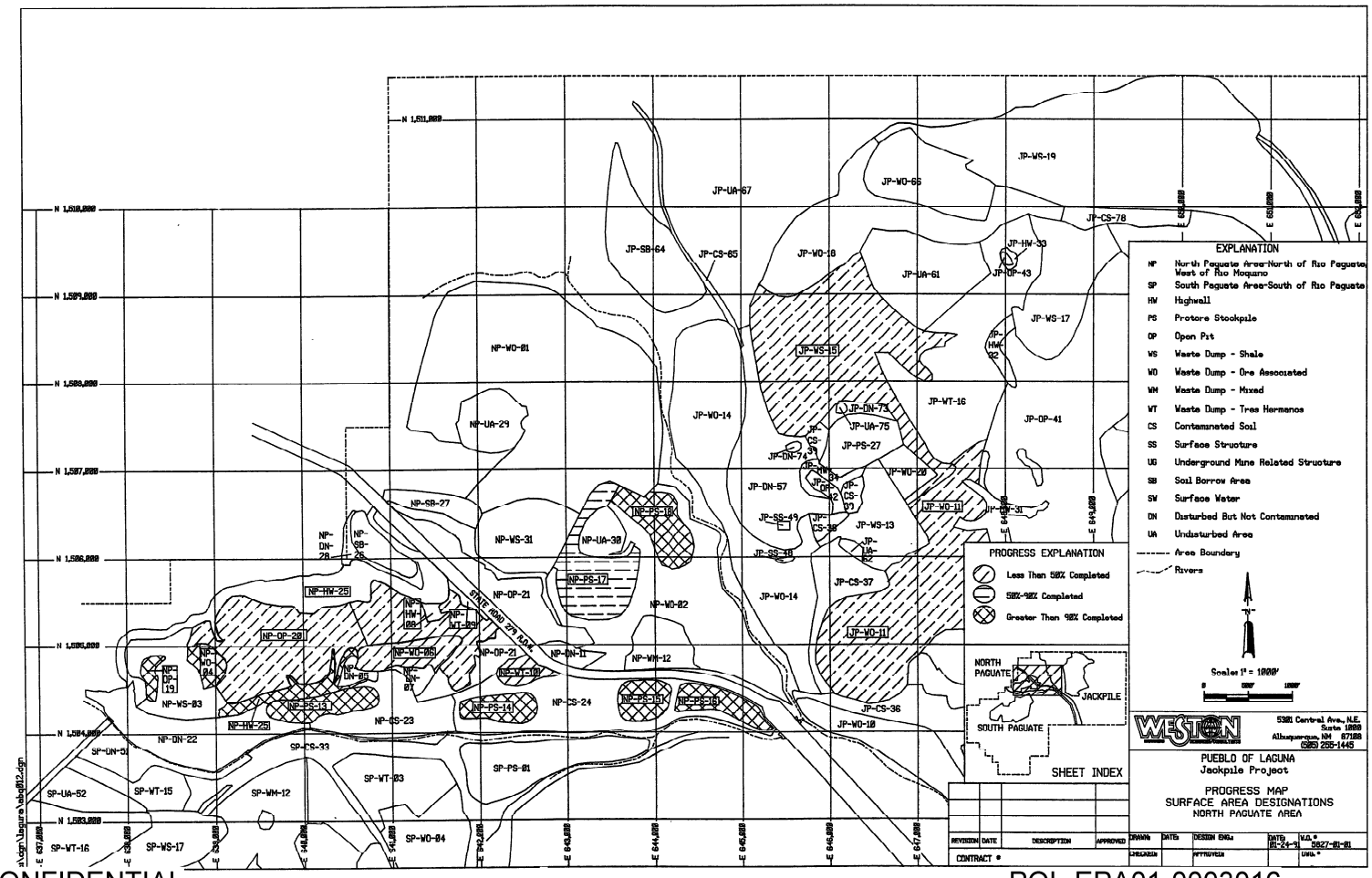
NOTE: NIC Denotes Not Included in This Report

2.1 ABSTRACT

December, 1990 marked the beginning of the 2nd Annual Operating Plan. The scraper fleet continued the backfilling of SP-OP-34 and cleanup of the protore pads along the Rio Paguate and backfilling of the North Paguate pit. The truck fleet continued on NP-PS-17 where the actual material volume will exceed the original estimate. The dozer fleet continued sloping the dumps in the west Jackpile area. Fencing of the north boundary of the Project Site was completed to the Rio Moquino area. Operations were shut down during the week between Christmas and New Year's.

2.2 PROGRESS MAP

The attached progress maps indicate the percentages of completion for areas where work is being performed.



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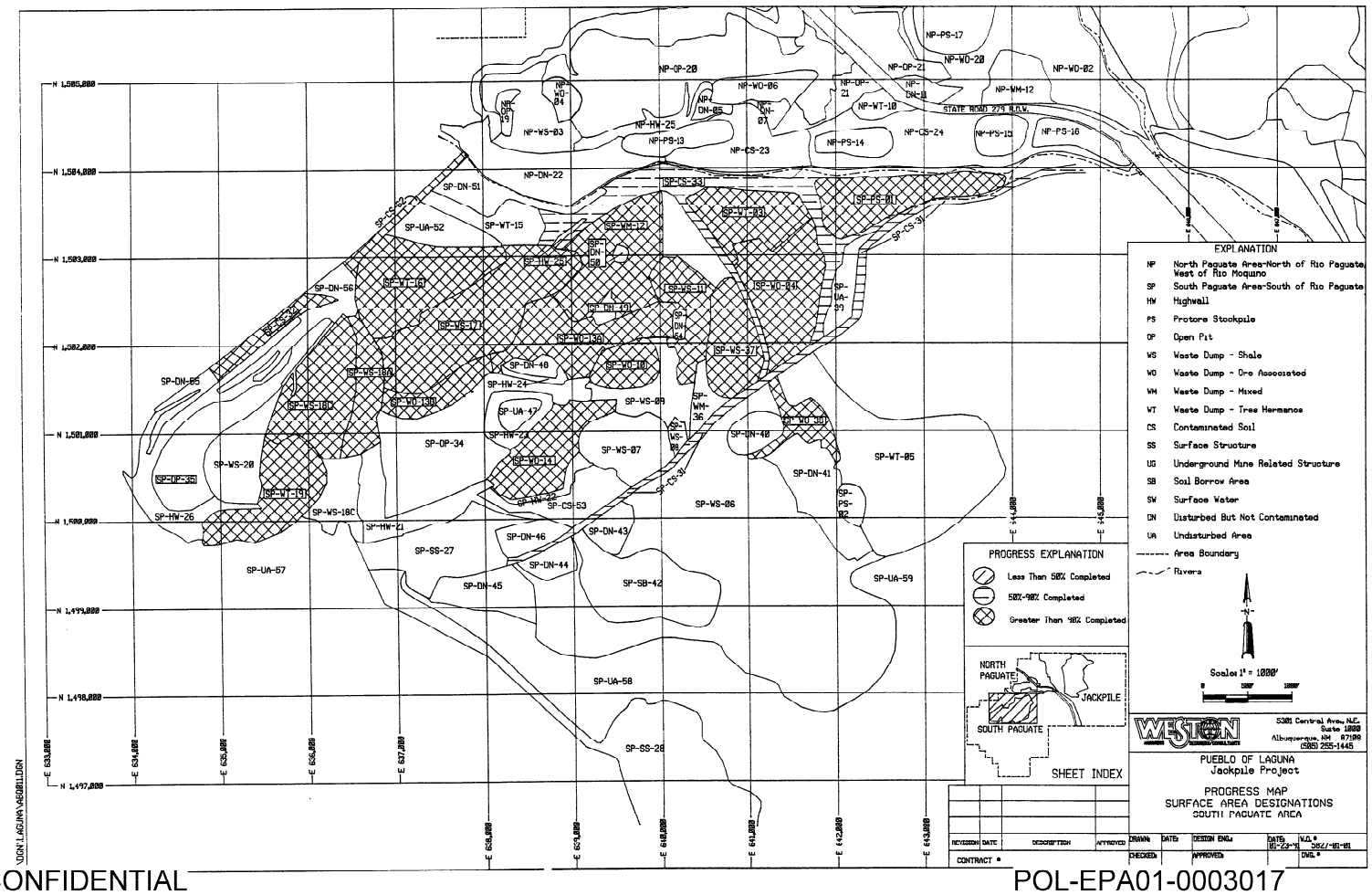


CONFIDENTIAL

2.3. Construction Photos

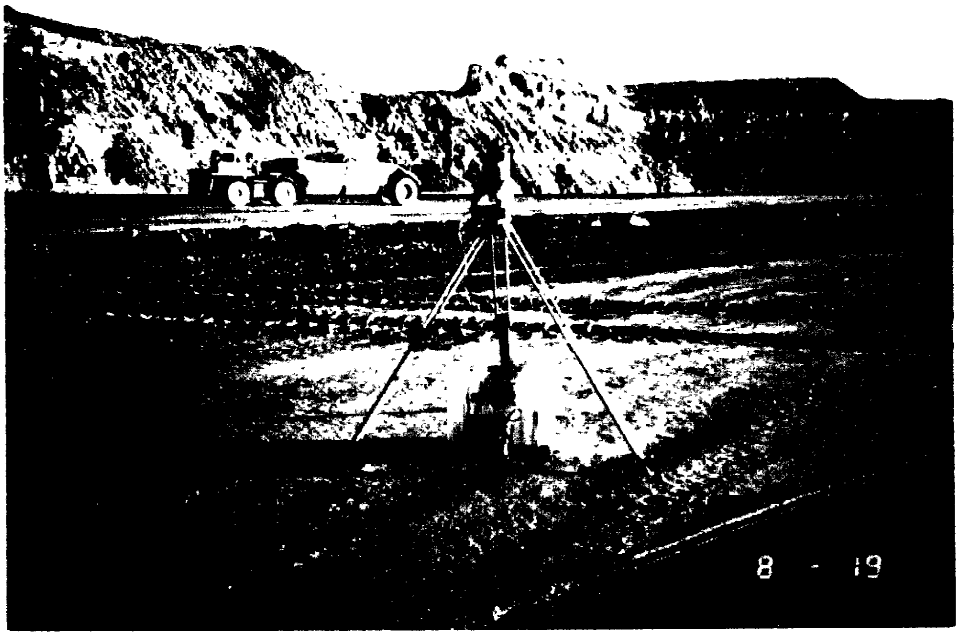


Figure 1. Beam machine to check elevations in Open Pit 20.

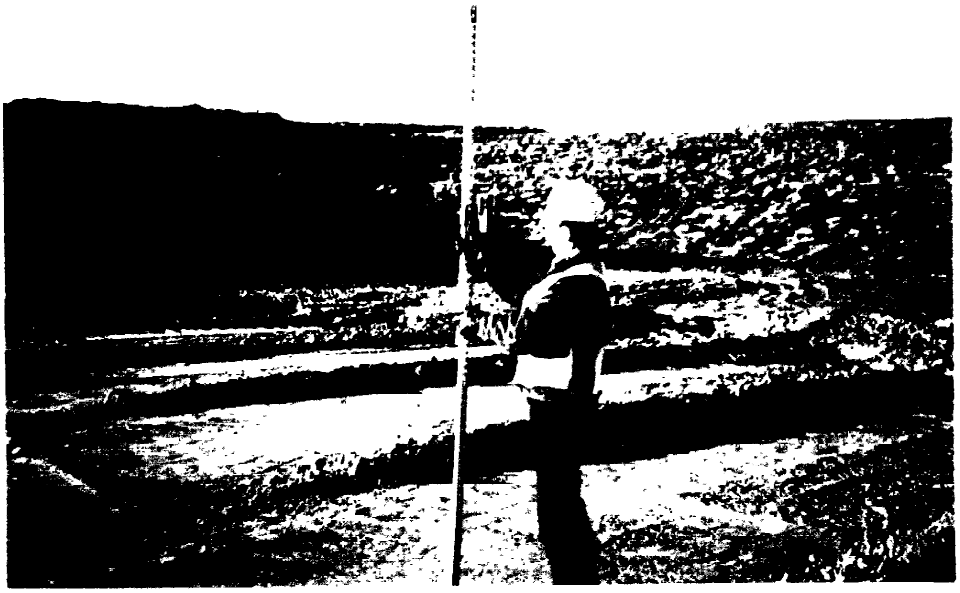


Figure 2. LS-4 Detector with rod that shows elevations in Open Pit 20.

2.3. Construction Photos

Figure 3. Scrapers selectively picking up contaminated material from North Paguate Pit area.

Figure 4. Dozer working a 3:1 slope to the toe stakes on JP-WS-15.

2.3. Construction Photos

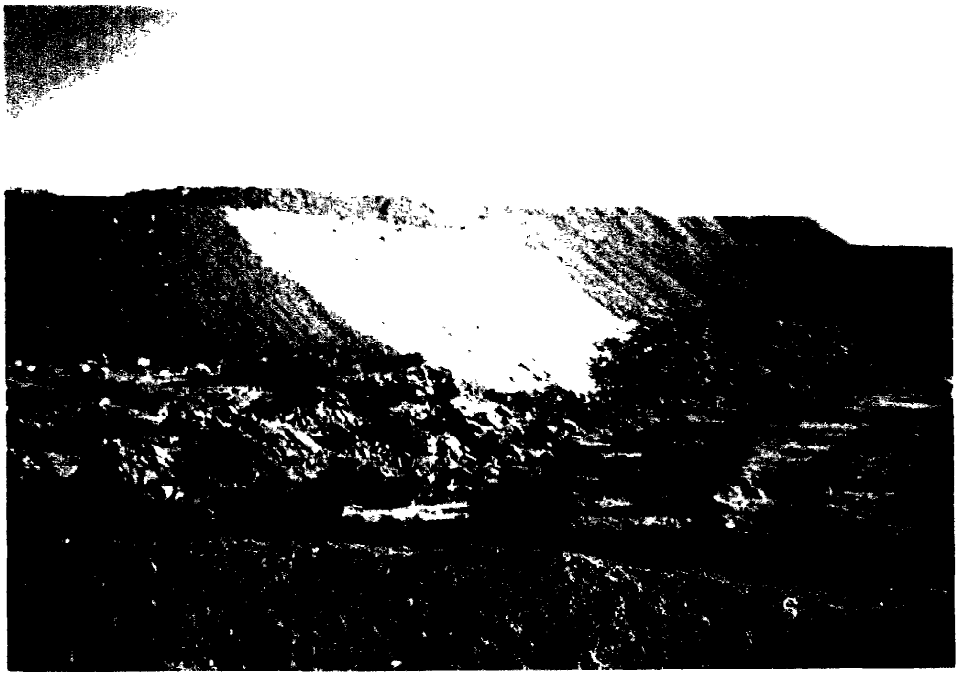


Figure 5. Seed test plot on the south face of the South Dump.

Figure 6. Crimped-in straw on the test seed plot in the East Jackpile area.

2.4 MILESTONES

- The 2nd Year Operating Plan began 12/01/90;
- Dump sloping began on JP-WS-15 in the west Jackpile area;
- The Project was shut down from 12/22/90 - 1/2/91 for the Christmas/New Year's holidays;
- Weston Engineering supplied the design drawings for the Rio Moquino and "Special Case" situations using the design criteria adopted by BIA earlier in 1990;
- Ken King continued his site visit in Paguate to assess the blast damage;
- Volumetric checks between LCC, Inc. and the Thomas Mann aerial survey were verified and accepted;
- 2nd Annual Slides were taken on 12/20/90 to compare to the set taken in December, 1989;
- Formal closeout of several 1st Year Work Packages was undertaken;

3.0 ACTION ITEMS

3.1 POL/RPM

1) Submit Rio Moquino and "Special Case" designs to BIA;

2) Hire & Train Reclamation Technicians;

3) Submit 4th Quarter Financial Summary to BIA;

4) Submit to BIA the request for Laguna Industries' use of old Warehouse at Project Site;

3.2 BUREAU OF INDIAN AFFAIRS

1) Finish Ken King's blast damage study at Paguate;

2) George Farris site visit during January, 1991;

3) Review "Special Case" designs for comments;

3.3 LANDMARK/WESTON

1) Submit Ed Kelley's revegetation specifications;

2) Train Reclamation Technicians (pending hiring);

3) Finalize Health & Safety Plan document update;

4) Conduct/document final inspections (when requested);

3.4 LAGUNA CONSTRUCTION COMPANY

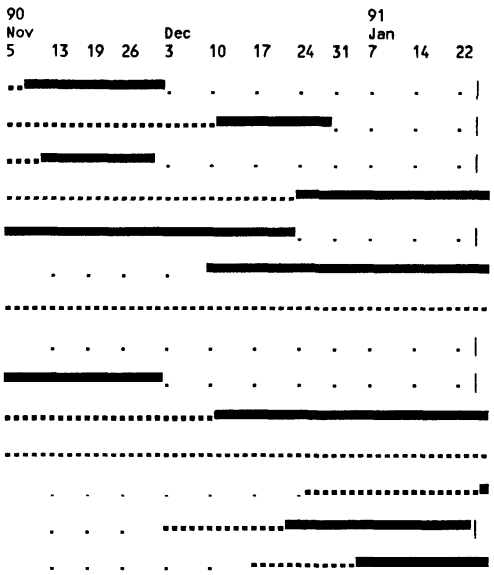
1) Submit Change Order request for additional volumes on PS-17 and other protore areas in North Paguate;

2) Update schedule (as needed);

4.1 FOUR-WEEK LOOK AHEAD

Schedule Name : JACKPILE
Responsible : LCC
As-of Date : 24-Jan-91 Schedule File : G:\HOME\FKIP\TIMELINE\DATA\JACKPILE

WBS	Task Name	Duratn (Days)	Start Date	End Date	Total $ (EAC)	Pct Achvd
2E2S03	SP-WO-13B, WS-18A	199	16-Feb-90	30-Nov-90	1,013,795.00	92
	FILL NP-OP-20	270	1-Dec-89	28-Dec-90	0.00	95
	FILL SP-OP-34	125	1-Jun-90	29-Nov-90	0.00	89
2M1X01	HIGHWAY CLOSURE	270	1-May-90	28-May-91	45,000.00	60
2E1N10	NP-WT-10	163	1-May-90	21-Dec-90	102,067.00	11
2E1S02	SP-PS-02	149	10-Dec-90	12-Jul-91	90,504.00	0
2E1N02	NP-PS-17	259	21-May-90	31-May-91	1,838,682.00	80
2E2N05	NP-WO-06	6	21-May-90	29-May-90	23,741.00	2
2E4S01	SP-CS-33	105	2-Jul-90	30-Nov-90	162,633.00	70
2E2J14	JP-WO-11	120	1-Oct-90	26-Mar-91	721,679.00	40
2S2J01	DEWATER JP	240	9-Oct-90	20-Sep-91	181,404.00	38
2S5J09	FENCING	48	26-Dec-90	6-Mar-91	151,565.00	40
2E2J15	JP-WS-15	35	3-Dec-90	23-Jan-91	157,141.00	40
	RIO PAGUATE CLEANU	30	17-Dec-90	30-Jan-91	0.00	40



Detail Task — Summary Task — Milestone
(Started) — (Started) — Conflict
(Slack) — (Slack) — Resource delay

Scale: 1 day per character

TIME LINE Gantt Chart Report, Strip 1, Page 1

4.2 PROJECT SCHEDULE

The truck fleet will continue hauling NP-PS-17 to the North Paguate pit thru January, 1991. The schedule overrun on this work is due to underestimated volumes in both PS-18 and PS-17 which made completion longer than expected. The scrapers will continue to clean up the remnants of the protore piles adjacent to the Rio Paguate as well as the contaminated soil areas in the vicinity. These volumes have also been found to be greater than the original estimate and have delayed final completion. The scrapers will then work to remove the crossings over the highway once the trucks finish hauling NP-PS-17. Dozer work will consist of continuation of the Jackpile dumps begun in December with miscellaneous sloping in the North Paguate dumps by the protore stockpiles which were recently moved. Fencing and other surface work continues as well as the planned cleanup and rehabilitation of the old Warehouse for Laguna Industries.

5.1 TRACKING SUMMARY

Pending the formalization of a new Work Package to cover the additional contaminated soil cleanup along the Rio Paguate, billings for this work will be included in the January, 1991 invoices and Monthly Report.

JACKPILE
PROJECT TO DATE
TRACKING SUMMARY

FY91
INTERIM
MOBILIZATION
ANNUAL OPERATING PLAN

DECEMBER 1990

WBS ID NO.	WORK PACKAGE DESCRIPTION	YTD ACTUAL COST PY90	YTD ACTUAL COST PY91	TOTAL YTD ACTUAL COST PY90 - PY91	TOTAL COST ESTIMATE
MGMT CA SUMMARY					
1P1	POL MANAGEMENT CA TOTAL	$85,607.08	$8,972.35	$94,579.43	$904,998.00
1P2	POL OTHER PROGRAMS CA TOTAL	$0.00	$0.00	$0.00	$1,006,614.00
1P	POL MANAGEMENT TASK TOTAL	$85,607.08	$8,972.35	$94,579.43	$1,911,612.00
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	$444,897.02	$85,032.95	$529,929.97	$1,205,821.10
1C2	OTHER PROGRAMS CA TOTAL	$205,116.43	$0.00	$205,116.43	$200,018.90
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	$650,013.45	$85,032.95	$735,046.40	$1,405,840.00
1	MANAGEMENT TOTAL	$735,620.53	$94,005.30	$829,625.83	$3,317,452.00
CONST CA SUMRY					
2L1	LCC COSTS CA TOTAL	$820,363.40	$0.00	$820,363.40	$810,300.00
2L2	LCC START-UP COSTS CA TOTAL	$382,790.20	$80,120.00	$462,910.20	$886,100.00
2L	LCC ADMINISTRATION TASK TOTAL	$1,203,153.60	$80,120.00	$1,283,273.60	$1,696,400.00
2M1	MOBILIZATION CA TOTAL	$424,530.29	$0.00	$424,530.29	$461,363.00
2M2	LAND SURVEY CA TOTAL	$136,914.72	$6,067.24	$142,981.96	$551,873.00
2M3	LCC TRAINING CA TOTAL	$135,461.50	$1,423.19	$136,884.69	$486,228.00
2M	MOBILIZATION TASK TOTAL	$696,906.51	$7,490.43	$704,396.94	$1,499,464.00
2E1	BACKFILLING CA TOTAL	$3,104,774.98	$163,983.05	$3,268,758.03	$13,718,836.00
2E2	DUMP SLOPING CA TOTAL	$1,436,032.32	$113,171.92	$1,549,204.24	$7,564,988.00
2E3	COVER PLACEMENT CA TOTAL	$194.07	$0.00	$194.07	$11,745,735.00
2E4	CONTAMINATED SOIL CA TOTAL	$116,591.52	$1,350.97	$117,942.49	$323,637.00
2E5	HIGHWALL CA TOTAL	$58,321.27	$0.00	$58,321.27	$396,732.00
2E6	EROSION CONTROL CA TOTAL	$0.00	$0.00	$0.00	$0.00
2E	EARTHWORK TASK TOTAL	$4,715,914.16	$278,505.94	$4,994,420.10	$33,749,928.00
2S1	UG ENTRIES ABANDON CA TOTAL	$12,300.80	$0.00	$12,300.80	$128,147.00
2S2	PIT WATER CA TOTAL	$388,455.50	$0.00	$388,455.50	$416,990.00
2S3	SS DEMOLITION CA TOTAL	$137,009.53	$0.00	$137,009.53	$175,829.00
2S4	SS DECON CA TOTAL	$0.00	$0.00	$0.00	$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	$72,316.96	$11,482.16	$83,799.12	$278,783.00
2S	STRUCTURES TASK TOTAL	$610,082.79	$11,482.16	$621,564.95	$999,749.00
2R1	SEEDING CA SUBTOTAL	$31,304.00	$0.00	$31,304.00	$1,738,609.00
2R2	IRRIGATION CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00
2R	REVEGETATION TASK TOTAL	$31,304.00	$0.00	$31,304.00	$1,738,609.00
2	CONSTRUCTION TOTAL	$7,257,361.06	$377,598.53	$7,634,959.59	$45,303,305.00
	JACKPILE PROJECT SUMMARY				
1	MANAGEMENT TOTAL	$735,620.53	$94,005.30	$829,625.83	$3,317,452.00
2	CONSTRUCTION TOTAL	$7,257,361.06	$377,598.53	$7,634,959.59	$45,303,305.00
	GRAND TOTAL	$7,992,981.59	$471,603.83	$8,464,585.42	$48,620,757.00

JACKPILE
PY91 TRACKING SUMMARY

FY91
INTERIM
MOBILIZATION
ANNUAL OPERATING PLAN

DECEMBER 1990

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
MGMT CA SUMMARY									
1P1	POL MANAGEMENT CA TOTAL	$194,139.00	$8,972.35	$0.00	$8,972.35	$185,166.70	5%	5%	$14,692.00
1P2	POL OTHER PROGRAMS CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1P	POL MANAGEMENT TASK TOTAL	$194,139.00	$8,972.35	$0.00	$8,972.35	$185,166.70	5%	5%	$14,692.00
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	$315,127.00	$85,032.95	$0.00	$85,032.95	$230,094.05	27%	27%	$2,394.70
1C2	OTHER PROGRAMS CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	$315,127.00	$85,032.95	$0.00	$85,032.95	$230,094.05	27%	27%	$2,394.70
1	MANAGEMENT TOTAL	$509,266.00	$94,005.30	$0.00	$94,005.30	$415,260.75	18%	19%	$17,086.70
CONST CA SUMRY									
2L1	LCC COSTS CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2L2	LCC START-UP COSTS CA TOTAL	$145,500.00	$80,120.00	$0.00	$80,120.00	$65,380.00	55%	55%	($172.73)
2L	LCC ADMINISTRATION TASK TOTAL	$145,500.00	$80,120.00	$0.00	$80,120.00	$65,380.00	55%	55%	($172.73)
2M1	MOBILIZATION CA TOTAL	$45,000.00	$0.00	$0.00	$0.00	$45,000.00	0%	0%	$0.00
2M2	LAND SURVEY CA TOTAL	$251,100.00	$6,067.24	$143.96	$5,923.28	$245,032.76	2%	88%	$244,369.00
2M3	LCC TRAINING CA TOTAL	$100,000.00	$1,423.19	$0.00	$1,423.19	$98,576.81	1%	1%	($42,319.00)
2M	MOBILIZATION TASK TOTAL	$396,100.00	$7,490.43	$143.96	$7,346.47	$388,609.57	2%	4%	$202,050.00
2E1	BACKFILLING CA TOTAL	$2,028,648.00	$163,983.05	$40,398.28	$123,584.77	$1,864,664.95	8%	16%	$1,269,908.04
2E2	DUMP SLOPING CA TOTAL	$1,915,861.57	$113,171.92	$23,393.06	$89,778.86	$1,802,689.65	6%	22%	$1,512,160.63
2E3	COVER PLACEMENT CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4	CONTAMINATED SOIL CA TOTAL	$162,633.00	$1,350.97	$95.73	$1,255.24	$161,282.03	1%	2%	$99,820.80
2E5	HIGHWALL CA TOTAL	$134,010.00	$0.00	$0.00	$0.00	$134,010.00	0%	0%	$118,896.00
2E6	EROSION CONTROL CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E	EARTHWORK TASK TOTAL	$4,241,152.57	$278,505.94	$63,887.07	$214,618.87	$3,962,646.63	7%	17%	$3,000,785.47
2S1	UG ENTRIES ABANDON CA TOTAL	$56,957.00	$0.00	$0.00	$0.00	$56,957.00	0%	0%	$40,757.00
2S2	PIT WATER CA TOTAL	$181,404.00	$0.00	$0.00	$0.00	$181,404.00	0%	0%	$165,063.00
2S3	SS DEMOLITION CA TOTAL	$114,986.00	$0.00	$0.00	$0.00	$114,986.00	0%	0%	$90,344.00
2S4	SS DECON CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	$151,565.00	$11,482.16	$182.44	$11,299.72	$140,082.84	8%	40%	$123,315.70
2S	STRUCTURES TASK TOTAL	$504,912.00	$11,482.16	$182.44	$11,299.72	$493,429.84	2%	13%	$419,479.70
2R1	SEEDING CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2	IRRIGATION CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R	REVEGETATION TASK TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2	CONSTRUCTION TOTAL	$5,287,664.57	$377,598.53	$64,213.47	$313,385.06	$4,910,066.04	7%	19%	$3,622,142.44
	JACKPILE PROJECT SUMMARY								
1	MANAGEMENT TOTAL	$509,266.00	$94,005.30	N/A	$94,005.30	$415,260.75	18%	19%	$17,086.70
2	CONSTRUCTION TOTAL	$5,287,664.57	$377,598.53	$64,213.47	$313,385.06	$4,910,066.04	7%	19%	$3,622,142.44
	GRAND TOTAL	$5,796,930.57	$471,603.83	$64,213.47	$407,390.36	$5,325,326.79	8%	19%	$3,639,229.14

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
POL MGMT									
1P1L01	PROJECT MANAGEMENT	$194,139.00	$8,972.35	$0 00	$8,972 35	$185,166.65	5%	5%	$14,692.00
1P1L02		$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
1P1	POL MANAGEMENT CA TOTAL	$194,139.00	$8,972 35	$0.00	$8,972.35	$185,166.70	5%	5%	$14,692.00
A/E									
1P2L01	PRIOR DESIGN AND SPECIFICATIONS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1P2L02	PRIOR LEGAL EXPENSE	$0.00	$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
1P2	ENGINEERING CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1P	POL MANAGEMENT TASK TOTAL	$194,139.00	$8,972.35	$0.00	$8,972.35	$185,166.70	5%	5%	$14,692.00
CMC									
1C1L01	ENGINEERING SERVICES CONTRACT	$204,842.00	$48,449.89	$0.00	$48,449.89	$156,392.11	24%	24%	$2,967.46
1C1L05A	ENVIRONMENTAL MONITORING:	$110,285.00	$36,583.06	$0 00	$36,583.06	$73,701.94	33%	33%	($572.76)
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	$315,127.00	$85,032.95	$0.00	$85,032.95	$230,094.05	27%	27%	$2,394.70
INTERIM CMC									
1C2L01	COMPLETE 1989 (CONST. MGMT.)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1C2L02	COMPLETE 1989 (CMC PURCHASES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1C2L03B	COMPLETE 1990 (ENV. MONITORING)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1C2	INTERIM CMC CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	$315,127.00	$85,032.95	$0.00	$85,032.95	$230,094.05	27%	27%	$2,394.70
1	MANAGEMENT TOTAL	$509,266.00	$94,005.30	$0.00	$94,005.30	$415,260.75	18%	19%	$17,086.70
LCC ADMIN									
2L1L01	COMPLETE 1990 (LCC G&A)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2L1L02	DELETED 1990 (LCC MARGIN)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	N/A
2L1	LCC COSTS CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2L2L01	COMPLETE 1990 (LCC MOB. G&A)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2L2L02A	LCC INSURANCE: INTERIM	$145,500.00	$80,120.00	$0.00	$80,120.00	$65,380.00	55%	55%	($172.73)
2L2L03	COMPLETE 1990 (LCC ADMIN COSTS)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2L2	LCC START-UP COSTS CA TOTAL	$145,500.00	$80,120.00	$0.00	$80,120.00	$65,380.00	55%	55%	($172.73)
2L	LCC ADMINISTRATION TASK TOTAL	$145,500 00	$80,120.00	$0 00	$80,120.00	$65,380.00	55%	55%	($172.73)

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
MOBILIZATION									
2M1L01	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M1L05	COMPLETE 1990 (SMALL TOOLS)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M1L06	COMPLETE 1990 (REMODELING)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M1L07	COMPLETE 1990 (RECONDITIONING)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M1L08	COMPLETE 1990 (SHOPS)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M1X01	BARRICADING ROAD CLOSURE	$45,000.00	$0.00	$0.00	$0.00	$45,000.00	0%	0%	$0.00
2M1	MOBILIZATION CA TOTAL	$45,000.00	$0.00	$0.00	$0.00	$45,000.00	0%	0%	$0.00
LAND SURVEY									
2M2N01	COMPLETE 1990 (LAND SURVEY NP AREA)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M2S01	LAND SURVEY SP AREA	$251,100.00	$6,067.24	$143.96	$5,923.28	$245,032.76	2%	88%	$244,369.00
2M2J01	LAND SURVEY JP AREA	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M2	LAND SURVEY CA TOTAL	$251,100.00	$6,067.24	$143.96	$5,923.28	$245,032.76	2%	88%	$244,369.00
TRAINING									
2M3L01	COMPLETE 1990 (MOB. OP. TRAINING)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2M3L02A	OPERATOR TRAINING: EARTHWORK	$100,000.00	$1,423.19	$0.00	$1,423.19	$98,576.81	1%	1%	($42,319.00)
2M3	LCC TRAINING CA TOTAL	$100,000.00	$1,423.19	$0.00	$1,423.19	$98,576.81	1%	1%	($42,319.00)
2M	MOBILIZATION TASK TOTAL	$396,100.00	$7,490.43	$143.96	$7,346.47	$388,609.57	2%	4%	$202,050.00
BACKFILLING									
2E1N01	COMPLETE 1990 (NP HAUL ROADS)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N02	HAUL TO NP PIT: NP-PS-17	$1,838,682.00	$163,983.05	$40,398.28	$123,584.77	$1,674,698.95	9%	80%	$1,195,905.04
2E1N03	COMPLETE 1990 (NP-PS-18)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N04	COMPLETE 1990 (NP-PS-14)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N05	COMPLETE 1990 (NP-PS-15)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N06	COMPLETE 1990 (NP-PS-16)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N07	COMPLETE 1990 (SP-PS-01)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N08	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N09	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	$102,067.00	$0.00	$0.00	$0.00	$102,067.00	0%	11%	$74,003.00
2E1N11	COMPLETE 1990 (NP-PS-13)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1N12	COMPLETE 1990 (NP-WS-19)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP BACKFILLING SUBTOTAL	$1,940,749.00	$163,983.05	$40,398.28	$123,584.77	$1,776,765.95	8%	18%	$1,269,908.04
2E1S01/2E1S01A	CONSTRUCT SP HAUL ROADS	$87,899.00	$0.00	$0.00	$0.00	$87,899.00	0%	0%	$0.00
2E1S02	COMPLETE 1990 (SP-PS-02 TO SP-OP-34)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP BACKFILLING SUBTOTAL	$87,899.00	$0.00	$0.00	$0.00	$87,899.00	0%	0%	$0.00
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J02	HAUL JP-PS-23 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J07	HAUL JP-PS-27 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
[illegible]	HAUL JP-WO-07 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	[illegible]	[illegible]	[illegible]	$0.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E1J09	HAUL JP-WO-12 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J10	HAUL JP-WS-08 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J11	HAUL JP-WS-15 TO JP-OP-41	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42	$0.00	$0 00	$0 00	$0.00	$0.00	0%	40%	$0.00
2E1J15	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0 00	$0.00	$0.00	0%	40%	$0.00
	JP BACKFILLING SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1	BACKFILLING CA TOTAL	$2,028,648.00	$163,983.05	$40,398.28	$123,584.77	$1,864,664.95	8%	16%	$1,269,908.04
DUMP SLOPING									
2E2N01	DELETED 1990 (NP-WO-01)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N02	CUT SLOPES NP-WO-02(BENEATH NP-PS-17)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N03	CUT NP-WS-03 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N04	COMPLETE 1990 (NP-WO-04)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N05	CUT NP-WO-06 SLOPES	$23,246.57	$0.00	$0.00	$0.00	$23,246.57	0%	2%	$13,321.57
2E2N06	CUT NP-WT-09 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N07	REGRADE NP-DN-22	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N08	CUT NP-WM-12 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N09	COMPLETE 1990 (NP-HW-25)	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP DUMP SLOPING SUBTOTAL	$23,246.57	$0.00	$0.00	$0.00	$23,246.57	0%	0%	$13,321.57
2E2S01	COMPLETE 1990 (SP-WO-13A/WO-10 SLOPES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	
2E2S02	CUT SP-WS-17 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S03	CUT SP-WO-13B/WS-18A SLOPES	$1,013,795.00	$38,697.99	$9,076.67	$29,621.32	$975,097.01	4%	92%	$770,412.91
2E2S04	COMPLETE 1990 (SP-WO-14)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S05	CUT SP-WS-18B SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S06	COMPLETE 1990 (SP-WS-18C/WT-19 SLOPES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S07	COMPLETE 1990 (CUT SP-WT-03 SLOPES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S08	DELETED 1990 (SP-WT-05)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S09	COMPLETE 1990 (SP-WO-38)	$0.00	$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E2S10	DELETED 1990 (SP-WS-06)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S11	COMPLETE 1990 (SP-WT-19A)	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S12	COMPLETE 1990 (SP-WM-12/WS-11 SLOPES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S13	DELETED 1990 (SP-WT-15A/15B)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S14	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S15	COMPLETE 1990 (CUT SP-WT-16/WT-37)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S16	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S17	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S18	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S19	COMPLETE 1990 (SP-MISCELLANEOUS SLOPE	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP DUMP SLOPING SUBTOTAL	$1,013,795.00	$38,697.99	$9,076 67	$29,621.32	$975,097.01	4%	12%	$770,412.91
2E2J01	CUT JP-WO-11 SLOPES	$0.00	$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E2J02	CUT JP-WT-16D SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J03	CUT JP-WS-17 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J04	CUT JP-PS-22 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J05	CUT JP-WO-72 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
2E2J06	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J07	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
[illegible]	JP-WS-01 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	[illegible]	[illegible]	$0.00

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2E2J09	DELETED 1990 (JP-WT-02A/02B/02C)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J10	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J11	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J12	CUT JP-WO-06 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J13	CUT JP-WS-08/12 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J14	CUT JP-WO-11 SLOPES	$721,679.00	$47,363.98	$9,411.78	$37,952.20	$674,315.02	7%	40%	$626,798.50
2E2J15	CUT JP-WS-15A/15B SLOPES	$157,141.00	$27,109.95	$4,904.61	$22,205.34	$130,031.05	17%	40%	$101,627.65
2E2J16	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J17	CUT JP-WS-16A/16B/16C SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J18	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J19	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J20	CUT SLOPES JP-WO-14 (NORTH SLOPES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J21	CUT JP-WS-19A SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J22	CUT JP-WS-19B SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J23	CUT JP-WS-19C SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J24	CUT JP-WO-66 SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J25	DELETED 1990 (JP-WO-70)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J26	CUT JP-WO-18/66A SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J27	CUT JP-WO-18/66B SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J28	CUT JP-WO-18/66C SLOPES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J29	DELETED 1990 (JP-WO-03A)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J30	DELETED 1990 (JP-WO-03B)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J31	DELETED 1990 (JP-WO-04A)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J32	DELETED 1990 (JP-WO-04B)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J33	DELETED 1990 (JP-WO-05A)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J34	DELETED 1990 (JP-WO-05B)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP DUMP SLOPING SUBTOTAL	$878,820.00	$74,473.93	$14,316.39	$60,157.54	$804,346.07	8%	40%	$728,426.15
2E2	DUMP SLOPING CA TOTAL	$1,915,861.57	$113,171.92	$23,393.06	$89,778.86	$1,802,689.65	6%	22%	$1,512,160.63
COVER PLACEMENT									
2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D6	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N12	DELETED 1990 (NP-WS-31)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N14	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N15	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E3N20	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP COVER PLACEMENT SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S01	SOIL BORROW SP-OP-35(SP-D1)FROM SP-SB	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S02	SOIL BORROW SP-WS-17(SP-D2)FROM SP-SB	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S03	SOIL BORROW SP-D3 FROM SP-SB-44	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S08	SOIL BORROW (D8) FROM SP-SB-44	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S09	SOIL BORROW (D9) FROM SP-SB-42	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S11	SOIL BORROW (SP-D11) FROM SP-SB-42	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S12	SOIL BORROW (SP-D12) FROM SP-SB-43	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S13	SOIL BORROW (SP-D1B) FROM SP-SB-50	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S14	SHALE BORROW (SP-13A)FROM SP-WS-17	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S15	SHALE BORROW (SP-13B)FROM SP-WS-17	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S16	SHALE BORROW SP-PS-01 FROM SP-WS-07	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S17	SHALE BORROW (SP-14) FROM SP-WS-07	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S18	HAUL SHALE FROM SP-WS-07 TO SP-04	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S19	HAUL SHALE FROM SP-WS-07 TO SP-D10	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S20	HAUL SHALE FROM SP-WS-07 TO SP-38	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S21	HAUL SHALE FROM SP-WS-07 TO SP-10	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP COVER PLACEMENT SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J01	HAUL SOIL FROM JP-SB-53 TO D4	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J02	HAUL SOIL FROM JP-SB-53 TO D5	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J03	HAUL SOIL FROM JP-SB-53 TO D6	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J04	HAUL SOIL FROM JP-SB-53 TO D9A	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J05	HAUL SOIL FROM JP-SB-53 TO D1	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J06	HAUL SOIL FROM JP-SB-53 TO D3	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J07	HAUL SOIL FROM JP-SB-64 TO D2	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J08	HAUL SOIL FROM JP-SB-64 TO D7	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J09	HAUL SOIL FROM JP-SB-64 TO D11	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J10	HAUL SOIL FROM JP-SB-64 TO D12	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J11	HAUL SOIL FROM JP-SB-54 TO D16	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J12	HAUL SOIL FROM JP-SB-54 TO D15	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J13	DELETED 1990 (JP-SB-54)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J14	DELETED 1990 (JP-SB-54)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J15	DELETED 1990 (JP-SB-54)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J16	DELETED 1990 (JP-SB-54)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J17	DELETED 1990 (JP-SB-54)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J18	HAUL SHALE FROM JP-WS-19 TO D4	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J19	HAUL SHALE FROM JP-WS-15 TO D1	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J20	HAUL SHALE FROM JP-WS-15 TO D2	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J21	HAUL SHALE FROM JP-WS-15 TO D7	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J22	HAUL SHALE FROM JP-WS-15 TO D11	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J23	HAUL SHALE FROM JP-WS-15 TO D12	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J24	HAUL SHALE FROM JP-WT-02 TO D8A	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
[illegible]	DELETED 1990 (JP-WT-02)	$0.00	$0.00	$0.00	$0.00	$0.00	[illegible]	[illegible]	$0.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E3J26	DELETED 1990 (JP-WT-02)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J27	DELETED 1990 (JP-WT-02)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J28	HAUL SHALE FROM JP-WT-02 TO D15	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J29	HAUL SHALE FROM JP-WT-02 TO D16	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP COVER PLACEMENT SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3	COVER PLACEMENT CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
CONTAM SOIL EXV									
2E4NO1	HAUL CS FROM NP-CS-23/24 TO NP-OP-20	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP CONTAMINATED SOIL SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S01	FM SP-CS-27/28/31/33/53 TO SP-OP-34	$162,633.00	$1,350.97	$95.73	$1,255.24	$161,282.03	1%	70%	$99,820.80
2E4S02	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S03	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S04	SP-CS-33	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S05	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S06	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S07	COMPLETE 1990 (SP-CS-62/32 TO SP-OP-35)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP CONTAMINATED SOIL SUBTOTAL	$162,633.00	$1,350.97	$95.73	$1,255.24	$161,282.03	1%	2%	$99,820.80
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4J03	NO WORK PACKAGE ASSIGNED THIS WBS #	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP CONTAMINATED SOIL SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4	CONTAMINATED SOIL CA TOTAL	$162,633.00	$1,350.97	$95.73	$1,255.24	$161,282.03	1%	2%	$99,820.80
HIGHWALL RECLAM									
2E5N01	TRIM NP HIGHWALLS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E5N02	SCALE NP HIGHWALLS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP HIGHWALL SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E5S01	TRIM SP HIGHWALLS	$67,698.00	$0.00	$0.00	$0.00	$67,698.00	0%	50%	$53,834.00
2E5S02	SCALE SP HIGHWALLS	$66,312.00	$0.00	$0.00	$0.00	$66,312.00	0%	50%	$65,062.00
	SP HIGHWALL SUBTOTAL	$134,010.00	$0.00	$0.00	$0.00	$134,010.00	0%	0%	$118,896.00
2E5J01	TRIM JP HIGHWALLS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E5J02	SCALE JP HIGHWALLS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP HIGHWALL SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E5	HIGHWALL CA TOTAL	$134,010.00	$0.00	$0.00	$0.00	$134,010.00	0%	0%	$118,896.00
EROSION CONTROL									
2E6NO1	DELETED 1990 (EROSION ROCK)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E6NO2	DELETE RIO MOQUINO CHANNEL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E6NO3	DELETED 1990 (BEDDING MATERIAL)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E6XO1	DELETED 1990 (QUARRY ROCK)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E6XO2	DELETED 1990 (PROCESS ROCK)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	ROCK SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00

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2E6	EROSION CONTROL CA TOTAL	$0 00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E	EARTHWORK TASK TOTAL	$4,241,152.57	$278,505.94	$63,887.07	$214,618.87	$3,962,646.63	7%	17%	$3,000,785.47
UG ENTRIES ABAN									
2S1N01	COMPLETE 1990(PW 2/3 UG ENTRY:NP SUBTO	$317.00	$0.00	$0 00	$0.00	$317.00	0%	0%	$0.00
2S1SO1	SEAL P-13 ADIT	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
2S1SO2	SEAL P-10 DECLINE	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S1SO3	COMPLETE 1990 (H-I ADIT)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S1SO4	SEAL VENT HOLES	$56,640.00	$0.00	$0.00	$0.00	$56,640.00	0%	70%	$40,757.00
2S1SO5	COMPLETE 1990 (DRILL HOLES)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP UG ENTRIES ABANDON SUBTOTAL	$56,640.00	$0.00	$0.00	$0.00	$56,640.00	0%	0%	$40,757 00
2S1J01	SEAL JP-SS-50 ENTRIES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S1J02	SEAL JP-SS-46 ENTIRES	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP UG ENTRIES ABANDON SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S1	UG ENTRIES ABANDON CA TOTAL	$56,957.00	$0.00	$0.00	$0.00	$56,957.00	0%	0%	$40,757.00
PIT WATER									
2S2N01	COMPLETE 1990 (NP PIT)	$0.00	$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2S2S01	COMPLETE 1990 (DISPOSE OF SP PIT WATER)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S2J01/2S2J01A	DISPOSE OF JP PIT WATER	$181,404.00	$0.00	$0.00	$0.00	$181,404.00	0%	38%	$165,063.00
2S2	PIT WATER CA TOTAL	$181,404.00	$0.00	$0.00	$0.00	$181,404.00	0%	0%	$165,063 00
SURF STRUC DEM									
2S3N01	COMPLETE 1990 (NP SURF. STRUC.)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S3S01	COMPLETE 1990(DEMOLISH SP SURFACE STR	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S3J01	DEMOLISH JP SURFACE STRUCTURES	$114,986.00	$0.00	$0.00	$0.00	$114,986.00	0%	95%	$90,344.00
2S3	SS DEMOLITION CA TOTAL	$114,986.00	$0.00	$0.00	$0.00	$114,986.00	0%	0%	$90,344.00
SURF STRC DECOM									
2S4XY	NOT ASSIGNED	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S4	SS DECOM CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
PERM STRUC									
2S5N01	CONSTRUCT PERMANENT ACCESS ROADS:NP	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5N02	COMBINED 2S5J09 PERMANENT FENCES: NP	$0.00	$0.00	$0.00	$0.00	$0 00	0%	0%	$0 00
	NP STRUCTURES SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5S01	CONSTRUCT PERMANENT ACCESS ROADS:SP	$0.00	$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5S02	COMBINED 2S5J09 PERMANENT FENCES: SP A	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP STRUCTURES SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5J01	CONSTRUCT PERMANENT ACCESS ROADS:JP	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5J02	COMBINED 2S5J09 PERMANENT FENCES: JP A	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP STRUCTURES SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5J09	CONSTRUCT PERMANENT FENCES: ALL AREA	$151,565.00	$11,482 16	$182.44	$11,299.72	$140,082.84	8%	40%	$123,315 70
	ALL STRUCTURES SUBTOTAL	$151,565.00	$11,482.16	$182.44	$11,299.72	$140,082.84	8%	40%	$123,315.70
	PERMANENT STRUCTURES CA TOTAL	$151,565.00	$11,482.16	$182.44	$11,299.72	$140,082.84	[illegible]	[illegible]	[illegible]15.70

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2S	STRUCTURES TASK TOTAL	$504,912.00	$11,482.16	$182.44	$11,299 72	$493,429.84	2%	13%	$419,479.70
SEEDBEDS									
2R1N01	PREPARE BED & SEED NP FLAT AREAS	$0.00	$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
2R1N02	PREPARE BED & SEED NP SLOPE AREAS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP SEEDING SUBTOTAL	$0.00	$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS	$0.00	$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS	$0.00	$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2R1S03	COMPLETE 1990 (RESEED AT HOUSING AREA)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP SEEDING SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS	$0.00	$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP SEEDING SUBTOTAL	$0 00	$0 00	$0.00	$0 00	$0 00	0%	0%	$0.00
2R1	SEEDING CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
IRRIGATION									
2R2N01	DELETED 1990 (IRRIGATION)	0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2S01	DELETED 1990 (IRRIGATION)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2J01	DELETED 1990 (IRRIGATION)	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2	IRRIGATION CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
2R	REVEGETATION TASK TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
TERRACING									
2T1N01	TERRACING NP AREA: 1200 LF	$0.00						0%	$0 00
2T1S01	TERRACING SP AREA: 19100 LF	$0.00						0%	$0.00
2T1J01	TERRACING JP AREA: 29000 LF	$0.00						0%	$0.00
2T1	TERRACING CA SUBTOTAL	$0.00						0%	$0.00
SPECIAL CASES									
2T2S01	CUT SP-WS-06 SLOPES - OAK CANYON	$0.00						0%	$0.00
2T2J01	CUT JP-WS-01 SLOPES - GAVILAN	$0.00						0%	$0.00
2T2J02	CUT JP-WO-14 SLOPES - RIO MOQUINO	$0.00						0%	$0.00
2T2J03	CUT JP-WO-03A/3B/4A/4B SLOPES	$0.00						0%	$0.00
2T2J04	CUT NORTH JP-WS-19 BENCHES	$0.00						0%	$0.00
2T2N01	CUT SP-WO-01 BENCHES - RIO MOQUINO	$0.00						0%	$0.00
2T2	SPECIAL CA SUBTOTAL	$0.00						0%	$0.00
2	CONSTRUCTION TOTAL	$5,287,664.57	$377,598.53	$84,213.47	$313,385.06	$4,910,066.04	7%	19%	$3,622,142.44

5.2 WORK PACKAGE DISCUSSION

WP#	DESCRIPTION	REMARKS
1C1L01	Engineering/Consulting Services	Design revisions almost complete; begin phase-out;
1C1L05	Environmental Monitoring	on-going;
2L1L01	LCC G & A	1st Year amount is complete; will be in work packages in 2nd Year per the Contract;
2M2N01	Surveying	on-going;
1P1L01	POL Management	on-going; hiring Reclamation Techs so CMC can be phased out;
2M1X01	Highway Barricades	closed until 3/15/91 (latest est.);
2M3L02	Operator Training	on-going;
2E1N02	Haul NP-PS-17	on-going; actual volume will exceed estimate;
2E1N03	Haul NP-PS-18	completed; ready for shale cover;
2E1N04	Haul NP-PS-14	substantially complete; cleaning remnants with the scraper fleet;
2E1N05	Haul NP-PS-15	same as PS-14;
2E1N06	Haul NP-PS-16	same as PS-14 plus hauling boulders;
2E1N07	Haul SP-PS-01	complete; ready for shale cover;
2E1N10	Haul NP-WT-10	pending N. Paguate backfilling;
2E1N11	Haul NP-PS-13	same as PS-14;

5.2 WORK PACKAGE DISCUSSION (CONTINUED)

WP#	DESCRIPTION	REMARKS
2E1S01	South Paguate Haul Roads	on-going with backfilling;
2E2N04	Cut NP-W0-04	completion pending North Pit fill;
2E2S03,04	Cut S. Paguate slopes	completion pending scraper work in North Paguate clean up;
2E2S06	Cut SP-WS-18/19 slopes	substantially done;
2E4S01	Contaminated Soil Cleanup	on-going;
2E5N01,02	Trim/scale Paguate Highwalls	pending scheduling;
2S2S01	Dewater South Paguate Pit	substantially done;
2S5N10	Site Fencing	on-going; packages re-combined into one; rehab of old Warehouse for LII delay completion;
2S1S04	Seal Vent Holes	two remaining in Jackpile area; to be done in 2nd Year;
2S1S02	Seal P-10 Decline	pending scheduling;
2S3S01	Demolish South Paguate Structures	four buildings remain; need Council Action;
2S3J01	Demolish Jackpile Structures	substantially done;
2E4S07	Cleanup CS-62/33	substantially done; gamma survey by Eberline shows it meets standards;
2S2J01	Dewater Jackpile Pit	on-going; water used for dust control;
2R1S03	Reseed Housing Area	substantially done;
2E2J14	Cut Slopes JP-WO-11	on-going thru Spring, 1991;
2L2L02A	Insurance	heavy equipment insurance premiums;
2E2J15	Slope JP-WS-15	stared in December; 40% complete;

5.3 WORK PACKAGE CLOSEOUTS

1) Items submitted by LCC, Inc. for Final Inspection/Closeout

NONE for December, 1990

Listing of 1st Year closeouts from LCC expected during January, 1991;

2) Items submitted by Pueblo of Laguna to BIA for Final Closeout;

NONE in December, 1990

5.4 CHANGE ORDER SUMMARY

NONE for December, 1990. New Work Package to cover additional cleanup volume around Rio Paguate area expected in January, 1991.

6.1 PERFORMANCE MEASUREMENT

Wet weather caused some operational problems due to the slick haul roads. The increased volumes (as compared to the original estimates) have caused completion delays in the NP-PS-17 and scraper clean-up along the Rio Paguate. These delays will cause the schedule to slip four to six weeks (as compared to the Jacob's baseline durations) but overall is still judged to be about 25 weeks ahead of baseline due to the significant schedule gains achieved early in the 1st Operating Year. Unit cost performance is still comparing favorably to original estimates.

7.0

APPENDIX A: SPECIAL REPORTS/PLANS

1) Jim Harrison-Landmark Reclamation

   Monthly Inspection Summary-December, 1990

2) Robert Kent (BLM) Memo to Asst. Area Director (BIA)

   Radiological Monitoring, Jackpile Reclamation Project

   December 20, 1990.

LANDMARK RECLAMATION

DATE: January 11, 1991

TO: Jim Olsen, Jr., P.E. - Reclamation Project Manager

FROM: Jim Harrison, Engineering Services

RE: Inspection Report, Month of December, 1990 -- Jackpile Reclamation Project.

The Weather Station is still not fully operational. However, there were daily notes that recorded the general weather. It was a month where a series of storms rolled into the area, followed by sunshine, that gave us both cold and relatively warm temperatures.

Ground gamma surveys continue to be made at the base of the removed protore piles north of the Rio Paguate. The base has an undulating bottom that means contaminated material is at varying thicknesses; and consequently gives varying intensities of readings. The best method that has evolved is to use the hand held Ludlum scintillometer to identity the radioactivity and "mine" the material. This means that the Ludlum needed to be calibrated, as accurately as possible for the existing conditions. Eberline came out to the field and, by using a Photo Ionization Chamber (PIC) and by regression analysis, calibrated the Ludlum, that directly reads the number of photons, to the average energy per photon going through the instrument. We can now read in uR/hr the actual energy from gamma radiation in the field.

The RGM2 did not record data due to a thermal tape that would not accept printing. Because the buffer in this machine only retains memory for the next line of data, three weeks data was lost.

Radon cannisters were replaced on and around the site. One was placed in the RPM office for this recording period.

The volumes calculated from TR Mann's aerial flight were compared to the survey's done by LCC. You did the volume comparison and found the numbers to substantiate each other. The profiles, when perpendicular to the sloping direction, also show that the slopes are conforming to the 3:1 design criteria.

On the subject of slopes, dozers pushed a flatter than a 3:1 slope on JP-WS-11. In order to balance a cut and fill on the top of the dump down to a bench below, the slope starts off at 5:1, then feathers into the 3:1 slope to the south end of the material.

One Tabor Center 1200 17th Street Suite 2500 Denver, Colorado 80202
303 595-0933

File

340 Jal Sedum

IN REPLY REFER TO:
3590 (015)

BUREAU OF LAND MANAGEMENT
ALBUQUERQUE DISTRICT OFFICE
435 MONTANO N.E.
ALBUQUERQUE, NEW MEXICO 87107

DEC 20 1990

Memorandum

To: Assistant Area Director (Programs), BIA

From: ADM, Division of Mineral Resources

Subject: Radiological Monitoring, Jackpile Reclamation Project

On December 12, 1990 a review of the radiological monitoring results was made for the third quarter, calendar year 1990.

The analysis for the thermoluminescent dosimeter (TLD badges) worn by the reclamation personnel during the second quarter were received. The limit is 5.00 REM a year or 1.25 REM a quarter. The doses received by reclamation personnel is running less than 10 percent of the limit.

Continuous radon measurements are taken between the North Paguate Pit and the village of Paguate. The measurements are averaging around 1 picocurie per liter. The standard for reclamation is 3 picocuries per liter. The reasons for the low measurements is that the wind direction is predominately from the northwest (from the village towards the mine). Results from the track etch canister (for measuring radon), which have been placed around the mine site,are averaging around 1 picocurie per liter.

The Pueblo of Laguna has hired Eberline to perform gamma surveys prior to placement of cover and topsoil. At the time of this inspection, Eberline was surveying the area along the Rio ~~Puerco~~ PAGUATE where the protore piles where. As they identified areas with high gamma LCC removed them to the North Paguate Pit.

Eberline identified that some of the material that was used to construct the new State Highway 279 through the pit has elevated gamma readings. However, it should be noted that even though these gamma levels are higher than the reclamation standards, they are not hazardous to human health.

RECEIVED

JAN 02 1991

REGIONAL RIGHTS PROTECTION

Robert Kent RECEIVED

DEC 24 1990

AAO-DIVISION OF PROGRAMS-300