Table 2-7. Elimination Strategy - Existing Waste Site Program Modifications for Removal of Waste to the Extent Practicable from All Sites, and Implementation of Cost-Effective Remedial and Closure Actions as Required[a]

Site	Waste site	Basin liquid disposal required	Assumed volume of contaminated soil & waste (m^3)	Backfill volume (m^3)	Infil-tration barrier	Removal & closure cost (million $)	Monitoring and site upkeep cost (million $)
			A- & M-AREAS				
1-1	716-A motor shop seepage basin	Yes	675	2,025		0.12	0.10
1-2	Metals burning pit		21,600	21,600		6.00	0.30
1-3	Silverton road waste site		26,288	26,288	Yes	25.00	1.00
1-4	Metallurgical laboratory basin	Yes	340	900		0.19	0.17
1-5	Miscellaneous chemical basin		72	72		[b]	[b]
1-6	A-Area burning/rubble pit		5,460	22,140		3.6[c]	0.14[c]
1-7	A-Area burning/rubble pit		1,630	6,683		[d]	[d]
1-8 to 1-11	SRL seepage basins	Yes	1,900	1,900	Yes	2.70	0.29
1-12	M-Area settling basin	Yes	28,990	30,000		15.00	1.0
1-13	Lost Lake		16,900	[d]		[e]	[e]
			F- & H-AREAS				
2-1	F-Area acid/caustic basin	Yes	210	700		0.16	0.12
2-2	H-Area acid/caustic basin	Yes	210	700		0.17	0.16
2-3	F-Area burning/rubble pit		1,584	6,494		2.80[c]	0.14[c]
2-4	F-Area burning/rubble pit		2,606	10,889		[d]	[d]
2-5	H-Area retention basin	Yes	6,080	11,500	Yes	2.10	0.20[f]
2-6	F-Area retention basin		9,154	9,824	Yes	2.90	0.20[f]
2-7 to 2-9	Radioactive and mixed waste burial grounds		3,000,000	3,000,000	Yes	1,100.00	25.0
2-10 to 2-12	F-Area seepage basins	Yes	8,000	122,000	Yes	10.00	1.10
2-13	F-Area seepage basin (old)	Yes	5,370	5,370	Yes	3.00	0.15
2-14 to 2-17	H-Area seepage basins	Yes	20,870	237,150	Yes	26.00	1.8
			R-AREA				
3-1	R-Area burning/rubble pit		466	1,902		0.52[c]	0.14[c]
3-2	R-Area burning/rubble pit		719	2,948		[d]	[d]
3-3	R-Area acid/caustic basin	Yes	210	700		0.16	0.12
3-4	R-Area Bingham Pump outage pit		1,600	1,600		2.00[c]	0.00
3-5	R-Area Bingham Pump outage pit		1,200	1,200		[d]	0.00
3-6	R-Area Bingham Pump outage pit		4,200	4,200		[d]	0.00

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Table 2-7. Elimination Strategy - Existing Waste Site Program Modifications for Removal of Waste to the Extent Practicable from All Sites, and Implementation of Cost-Effective Remedial and Closure Actions as Required[a] (continued)

Site	Waste site	Basin liquid disposal required	Assumed volume of contaminated soil & waste (m^3)	Backfill volume (m^3)	Infil-tration barrier	Removal & closure cost (million $)	Monitoring and site upkeep cost (million $)
3-7	R-Area seepage basin		710	7,000	Yes	20.00[c]	1.80[c]
3-8	R-Area seepage basin		560	[d]	Yes	[d]	[d]
3-9	R-Area seepage basin		1,090	[d]	Yes	[d]	[d]
3-10	R-Area seepage basin		1,590	[d]	Yes	[d]	[d]
3-11	R-Area seepage basin		2,050[a]	[d]	Yes	[d]	[d]
3-12	R-Area seepage basin		1,080	[d]	Yes	[d]	[d]
			C- & CS-AREAS				
4-1	CS Burning/rubble pit		555	2,276		1.30[c]	0.14[c]
4-2	CS Burning/rubble pit		1,255	5,146		[d]	[d]
4-3	CS Burning/rubble pit		804	3,298		[d]	[d]
4-4	C-Area burning/rubble pit		811	3,325		0.52	0.14
4-5	Hydrofluoric acid spill area		230	230		0.09	0.11
4-6	Ford building waste site		345	345		0.20	0.00
4-7	Ford building seepage basin		76	840		0.15	0.09
			TNX-AREA				
5-1	D-Area burning/rubble pit		1,260	5,166		0.91[c]	0.14[c]
5-2	D-Area burning/rubble pit		856	3,510		[d]	[d]
5-3	TNX burying ground		896	896	Yes	0.69	0.38
5-4	TNX seepage basin (old)		594	4,060		0.60	0.24
5-5	TNX seepage basin (new)	Yes	359	2,529		2.20	0.15
			D-AREA				
6-1	D-Area oil seepage basin		5,742	5,742		0.39	0.14
			ROAD A AREA				
7-1	Road A chemical basin		1,000	5,500	Yes	0.80	0.00

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Table 2-7. Elimination Strategy - Existing Waste Site Program Modifications for Removal of Waste to the Extent Practicable from All Sites, and Implementation of Cost-Effective Remedial and Closure Actions as Required[a] (continued)

Site	Waste site	Basin liquid disposal required	Assumed volume of contaminated soil & waste (m^3)	Backfill volume (m^3)	Infil-tration barrier	Removal & closure cost (million $)	Monitoring and site upkeep cost (million $)
			K-AREA				
8-1	K-Area burning/rubble pit		638	2,615		0.38	0.14
8-2	K-Area acid/caustic basin	Yes	210	700		0.19	0.12
8-3	K-Area Bingham pump outage pit		7,700	7,700		2.1	0.00
8-4	K-Area seepage basin	Yes	260	1,600	Yes	0.4	0.12
			L-AREA				
9-1	L-Area burning/rubble pit		617	2,529		0.32	0.14
9-2	L-Area acid/caustic basin	Yes	210	700		0.16	0.12
9-3 to 9-9	CMP pits		1,500	5,500[h]		2.07	0.34
9-10	L-Area Bingham pump outage pit		4,100	4,100		2.40[c]	0.00
9-11	L-Area Bingham pump outage pit		4,200	4,200		[d]	0.00
9-12	L-Area oil and chemical basin	Yes	675	3,500	Yes	0.6	0.12
			P-AREA				
10-1	P-Area burning/rubble pit		1,171	4,802		0.63	0.14
10-2	P-Area acid/caustic basin	Yes	210	700		0.16	0.12
10-3	P-Area Bingham pump outage pit		3,800	3,800		1.20	0.00
			MISCELLANEOUS				
11-1	SRL oil test site		140	140			
11-2	Gunsite 720 rubble pit		35	35			
TOTAL without Burial Ground			213,663	621,269		140.88	11.82
TOTAL including Burial Ground			3,213,663	3,621,269		1,240.88	36.82

[a]Adopted from Moyer, 1987.
[b]Included in values for Site 1-2, Metals Burning Pit.
[c]Group total value.
[d]Included in group total above.
[e]Included in values for Site 1-12 above.
[f]For 100 years of monitoring, costs would be $500,000.
[g]Includes abandoned sewer area.
[h]Assumed that 4000 of the 5500 cubic meters is clean fill from previous excavation of contaminated soil.

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