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NONRADIOACTIVE DANGEROUS WASTE LANDFILL

DANGEROUS WASTE INVENTORY

APPENDIX 4A, REVISION 1

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NOTES ON PREPARATION OF THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL DANGEROUS WASTE INVENTORY

1. The file copy of the Nonradioactive Dangerous Waste Landfill (NRDWL) disposal records for the operational years 1975 through 1985 were reviewed and assembled into waste disposal packets.

3. A waste disposal packet number is composed of the letter P (for packet), the last two digits of the year in which disposal took place, and a consecutively assigned three digit number starting with 001 for the first packet of each year (i.e. P75-001 or P83-001)

2. Generally, the disposal record packages contain information on the waste that was disposed only at the NRDWL. However, some waste disposal events have final disposal locations other than NRDWL, have unconfirmed disposal locations or have two or more final (partial) disposal locations. Other final disposal locations consist of the 2727-S/200W Offsite Staging Facility, United Nuclear Industries Landfill, Hanford Solid Waste Landfill, Hanford sanitary trenches, 200W burial area, or unidentified offsite locations. Retained in this document are those disposal events that identify the NRDWL as a final, partial or a uncertain disposal location. All disposal events having been identified as having been disposed of at an other facility either entirely or partially have been forwarded to that particular facility.

3. Records documenting disposal for a given year were assigned page numbers in the initial submittal of the file copy, "Manifest Records for Year 1975", on February 14, 1991. Records are numbered consecutively for each year beginning with 0000001. Generally all documents relating to a single disposal event are arranged in consecutive order. Occasionally, however, disposal packets contain related documents out of consecutive order. Some pages are related to more than one disposal event and appear in more than one waste disposal packet.

4. A cross reference table exists for this document which identifies the packet number, disposal date, file copy page numbers (from the original submittal), final disposal location, and trench number.

5. The waste inventory consists of a listing of the chemical waste placed in the NRDWL. The inventory is organized by trench number, date of disposal, quantity, type, and disposal packet number of the original disposal records. A comment column is provided and indicates whether the waste is regulated under WAC 173-303 (R), or of uncertain regulatory status (U). The comment column also contains numbers in parentheses referring to comments listed at the end of the inventory. This revised inventory presents deletions in strikeout text, and insertions in redline (shaded) text. The remaining text is unchanged from the original inventory.

APPENDIX 4A
CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #19N

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	~~11-08-85~~	~~3 drums, 55 gal~~	~~Waste calcium nitrate~~		
2		~~1 drum, 55 gal~~	~~Waste sodium nitrate~~		
3	05-14-85	3 drums, 55 gal	Waste calcium nitrate	P85-036	R(1)
4		1 drum, 30 gal	Waste sodium nitrate		R
5					
6		~~22 lb~~	~~Sodium nitrate~~		
7	06-13-84	20 lb	Sodium nitrate	P84-038	R(1)
8					
9	12-05-84	1 pt	Ethyl acetate	P84-087	R(1)
10		~~8 pt~~	~~Toluene~~		(2)
11		~~1 pt~~	~~Xylene~~		(2)
12		3 pt	Methyl alcohol		R
13		~~5 pt~~	~~Benzene~~		(2)
14		2 qt	Isopropanol		R
15		1 lb	(Cool Amp)		U
16		1 lb	Potassium permanganate		R
17		1 lb	Ammonium nitrate		R
18		3 lb	Sodium nitrate		R
19		1 lb	Ammonium chloride		R
20		1 lb	Sodium chromate		R
21		~~1 qt~~	~~1-1-1 Trichloroethane~~		(2)
22		2 qt	Ammonium hydroxide		R
23		~~1 pt~~	~~37% Formaldehyde solution~~		(2)
24		5 lb	Sodium hydroxide, dry solid		R
25		1 gal	Naphtha		R
26		2 qt	Ammonium oxalate (TURCO 4521*)		R

CHEMICAL INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #26

Date	Quantity	Chemical	Disposal Packet Number	Comments
01-11-85	13 drums, 55 gal	Sodium nitrite	P85-006	R
~~04-17-85~~	~~114 drums, 55 gal~~	~~Oil soaked sand~~		
	~~8 drums, 55 gal~~			
01-04-85	23 cardboard boxes	Empty plastic bags originally containing Spike 80 W herbicide	P85-003	U
01-10-85	4 drums, 55 gal	Empty - originally contained $FeSO_2$	P85-004	R
	8 drums, 55 gal	Empty - originally contained N_2H_4		U
01-10-85 01-15-85	15 drums, 55 gal & 16 drums, 55 gal	Empty - originally contained oil	P85-005	U
01-16-85	5 drums, 55 gal	Empty - originally contained Carbon Tetrachloride	P85-009	R
	10 drums, 55 gal	Empty - originally contained Chevron insulating oil with petroleum distallate		R
	2 drums, 55 gal	Empty - labeled "Johnson", "Monsanto"		U
	2 drums, 55 gal	Empty - originally contained ethylene glycol		R
	4 drums, 55 gal	Empty - not labeled		U
01-23-85	11 drums, 55 gal	Empty - originally contained Methyl ethyl ketone	P85-013	R
03-22-85	2 drums, 55 gal	Empty - originally contained nitric acid	P85-024	R
	4 drums, 35 gal	Empty - originally contained Lanthanum/Neodymium		U
04-04-85	7 pt	Tinposit LT-26	P85-028	U
04-30-85	25 drums, 55 gal	Empty - originally contained oil	P85-033	U
05-17-85	31 drums,55 gal	Empty - original contents unknown	P85-038	U

CHEMICAL INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #26

Date	Quantity	Chemical	Disposal Packet Number	Comments
06-17-85	109 cardboard boxes	Empty boxes containing plastic bags and bottles originally containing Spike 80 herbicide and OUST	P85-045	U
12-13-85	40 lb	2,4, Dichlorophenoxy Acetic acid(<1%)	P85-084	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	02-03-84	~~6 lb~~	~~Sodium hydrogen sulfide~~	P84-009	
2		17 lb	Sodium hydrogen sulfide		R
3		6 lb	Sodium dichromate		R
4		1 lb	Sodium chromate		R
5		1 lb	Sodium bichromate		R
6		0.5 lb	Potassium chromate		R
7		1 lb	Potassium bichromate		R
8		10 oz	1-Ethylquinelinium iodide		U
9		~~1 lb~~	~~Ferrous sulfate~~		
10		6 lb	Ferrous sulfate		U
11		0.5 lb	Nickel chloride		R
12		1 kg	Calgon*		U
13		1 pt	Flexible collodion		U
14		1 L	Polyelectrolytes		U
15		~~1 lb~~	~~Ammonium sulfate~~		
16		13 lb	Ammonium sulfate		R
17		~~1 lb~~	~~Aluminum oxide~~		
18		32 oz	Glycenyl triacetate		U
19		800 g	Weldon 28 component C		U(3)
20		0.5 lb	Glycerin		R
21		32 oz	Ammonium sulfide		R(3)
22		250 mL	Castor oil		U
23		1 pt	Photo-flo 200		U
24		100 g	Creosote		R(3)
25					
26	02-09-84	110 gal	Anhydrous borax	P84-010	R
27		255 gal	Sodium nitrate		R
28		170 gal	Boric acid		R
29		240 gal	Sodium nitrite		R
30		145 gal	Sodium nitrite, borax, frit, sand, gravel		R
31		~~22 gal~~	~~Boric acid, frit, soda ash, silica, and~~		
32			~~warehouse sweepings~~		
33		220 gal	Boric acid, frit, soda ash, silica, and		R
34			warehouse sweepings		
35		120 gal	Boric acid, anhydrous borax, brown sand		R
36		175 gal	Boric acid, borax, potassium nitrate		R
37		165 gal	Boric acid, sand, fine frit, borax, sodium		R
38			nitrate		
39		220 gal	Boric acid, frit, borax, sodium nitrate		R
40		195 gal	Borax, sand, frit, empty chemical bags		R
41					

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		55 gal	Low sodium nitrate sludge		R
2		55 gal	Normal sodium nitrate sludge		R
3		275 gal	Sodium carbonate sludge spiked		R
4					
5	02-22-84	18 gal	Ammonium hydroxide	P84-012	R
6					
7	~~03-16-84~~	~~200 mL~~	~~Butyl alcohol~~		
8	06-14-84	200 ml	Butyl alcohol	P84-040	R
9		~~1 pt~~	~~2-Propanol~~		
10		8 pt	2-Propanol		R
11	~~03-16-84~~	~~0.5 pt~~	~~Butyl ether~~		
12	~~(cont)~~	~~1 L~~	~~Amyl alcohol~~		
13		0.5 pt	Butyl ether		R
14		1 L	Amyl alcohol		R
15		0.5 kg	n-Octylalcohol		U
16		0.5 pt	Normal paraffin hydrocarbon		U
17		1,000 mL	Plexiglass* cement		U
18		1 pt	Iodobenzene		U
19		2/3 pt	Combustible liquid, n.o.s.		R
20		~~0.5 L~~	~~Phosphenylchloride, dichlorophenyl phosphine~~		
21		1 L	Phosphenylchloride, dichlorophenyl phosphine		U
22		500 ml	Indene		U
23		1/8 pt	Diazald		U
24		1 L	Tris (hydroxymethyl) amino-methane		U
25		1 pt	Hypophosphorus acid		R
26		250 g	Antimonypentachloride		U
27		~~1 L~~	~~Bromine~~		
28		2 L	Bromine		R
29		1 pt	Hydriodic acid		R
30		1 pt	Dinoylnapthalenesulfonic acid		U
31		450 g	Benzoyl peroxide		U
32		1 L	2,2-$A_2$0-bis-2-Methyl propionitrile		U
33					
34	03-16-84	315 kg	Ceric oxide	P84-014	R
35		1 pt	Butyl ether		R
36		11 qt	Sulfurous acid		R
37		250 lb	Magnesium nitrate		R
38		75 lb	Sodium nitrate		R
39		950 lb	Sodium nitrite		R
40		96 lb	Cesium carbonate		R
41		25 lb	Soda ash		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

Date	Quantity	Chemical	Disposal Packet Number	Comments
	5 gal	Kaowool* cement		U
	100 lb	Activated aluminum		R
	30 lb	Sodium fluoride		R
05-01-84	2 gal	Urethane component A	P84-025	R
	1 pt	Urethane component B		U
	2 gal	Concentrated chemical A/B		U
	1 pt	Red ind oil		U
	1 L	Flammable liquid, DBBP		U
	1 gal	Glycerol		U
	1 pt	Xylan (Dye) #2014		U
	2 qt	Flammable liquid NPH		U
05-23-84	20 gal	Waste corrosive liquid, n.o.s. (Picrolonic acid, formic acid, and vanadous formate all absorbed)	P84-033	R
~~06-13-84~~	~~10 lb~~	~~Sodium hydroxide~~		(4)
06-14-84	17 gal	Ammonium hydroxide	P84-042	R
06-20-84	0.5 kg	Zirconium hydride	P84-043	U
~~06-22-84~~	~~1,140 gal~~	~~Lanthanum nitrate~~		(4)
	~~825 gal~~	~~Trichloroethane~~		
~~07-19-84~~	~~90 lb~~	~~Nickel, hydrated~~		
07-19-84	3177 lb	Nickel, hydrated	P84-051	R
~~08-23-84~~	~~1 pt~~	~~Ammonium sulfide~~		
08-23-84	7 pt	Ammonium sulfide	P84-061	R
	~~1 pt~~	~~Ehtylacetate~~		
	1 pt	Ethylacetate		R
	~~0.5 gal~~	~~Hexone~~		
	2 gal	Hexone		R
	6 pt	Butyl alcohol		R
	4 qt	Collodion		U
	~~1 qt~~	~~Hexone~~		
	2 qt	Hexone		R
	~~1 pt~~	~~Amyl acetate~~		
	12 pt	Amyl acetate		R
	~~1 pt~~	~~Ethyl acetate~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		3 pt	Ethyl acetate		R
2		3 kg	Methyl ethyl ketone		R
3		1 pt	Hexone		R
4		1 qt	Tetrahydrofuran		R
5		~~1 pt~~	~~Perchloric acid (70%)~~		
6		7 pt	Perchloric acid (70%)		R
7		~~1 pt~~	~~Hydrogen peroxide (30%)~~		
8		7 pt	Hydrogen peroxide (30%)		R
9		5 gal	Dichloromethane		R
10		1 qt	Bis(2-ethylhexyl)2-hexylphosphonate		U
11		1 qt	Mono-2-ethyl hexylacid orthophosphate		U
12		1 pt	Glycerine		R
13		~~1 kg~~	~~Octyl alcohol~~		
14		2 kg	Octyl alcohol		R
15		5 L	Isopentyl alcohol		R
16		1 qt	Acetyl acetone		R
17		1 gal	Dimethyl formamide		R
18		1 L	Hexanol		R
19		5 lb	Lactic acid		R
20		1 qt	Diisopropyl ketone		U
21		~~1 gal~~	~~Sulfuric acid (93%)~~		
22		13 gal	Sulfuric acid (93%)		R
23		9 pt	Formaldehyde		R
24		5 gal	1,1,1-Trichloroethylene		R
25		2 qt	Cyclohexanone		R
26		1 gal	Chloroform		R
27					
28	~~01-11-85~~	~~520 gal~~	~~Dry salt cake. $NaNO_3$, $NaNO_2$, NaOH~~		(5)
29					
30	04-04-84	73 drums, 10 gal	Empty - originally contained	P84-016	U
31			KROVAR I		
32		2 plastic bags	Contains potentially contaminated		U
33			misc. paper, and rags		
34					
35	04-04-84	13 drums, 55 gal	Empty - originally contained	P84-017	U
36			soil fixative		
37					
38	04-16-84	7 drums, 55 gal	Empty - originally contained	P84-019	U
39			motor oil		
40		7 drums, 55 gal	Empty - originally contained		U
41			biodegradeable multipurpose foam agent		
42		1 drums, 55 gal	Empty - originally contained bactericide		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

Date	Quantity	Chemical	Disposal Packet Number	Comments
04-20-84	20 drums, 55 gal	Empty - originally contained Sludgetool 600	P84-021	U
	20 drums, 55 gal	Empty - originally contained DEARBORN 653		U
	10 drums, 55 gal	Empty - originally contained Steamate 2004		U
	20 drums, 55 gal	Empty - originally contained DEARBORN 854		U
	4 drums, 55 gal	Empty - originally contained paint thinner		U
04-27-84	23 drums, 55 gal	Empty - original contents unknown	P84-006	U
05-01-84	7 drums, 55 gal	Empty - originally contained Ethyl Ketone	P84-026	R
05-01-84	25 drums, 55 gal	Empty -originally contained SPIKE	P84-027	U(6)
05-03-84	7 pt	Acetone	P84-028	R
	31 lb	Butyl alcohol		R
	23 pt	Glycerine (alcohol)		R
	3 lb	Dextrose analydrous		U
	8 lb	Potassium dichloride		U
	120 lb	Sodium chloride		R
	30 lb	Sodium silica		U
	100 lb	Hydrofluoric acid		R
	2500 g	Sulfamic acid		R
	79 lb	Trichloroacetate		U
	5 lb	Lithium hydroxide		R
	90 lb	Sodium hydroxide		R
	11 lb	Aluminum nitrate		R
	4 lb	Cupric nitrate		R
	18 lb	Magnesium nitrate		R
	11 lb	Magnesium oxide		R
	18 lb	Potassium nitrate		R
	79 lb	Potassium permanganate		R
	12 oz	Silver nitrate		R
	1 lb	Sodium nitrate		R
	9 lb	Strontium nitrate		R
	9 oz	Zirconyl nitrate		U
	23 lb	Calcium carbonate		U
	3 lb	Sodium acetate		R
	9 lb	Sodium bicarbonate		R
	21 lb	Ammonium carbonate		R
	1 lb	Potassium hydrogen sulfate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

Date	Quantity	Chemical	Disposal Packet Number	Comments
	2 lb	Ammonium chloride		R
	4 lb	Sodium phosphate		R
06-14-84	3 gal	ORM-B	P84-041	U
	4 gal	Nitric acid		R
	2 gal	Sulfuric acid		R
	13 gal	Ferric Chloride		R
	1 gal	Corrosive liquid, Hysol M-452		U
	1 pt	Corrosive liquid, Diethyltriamine >40%		U
	30 lb	Sodium nitrate		R
	15 lb	Sodium hydroxide		R
	1 lb	Sodium carbonate		R
	6 oz	Sodium nitrate		R
	4 oz	Sodium hydroxide		R
06-04-84	25 drums, 55 gal	Empty - original contents unknown	P84-006	U(6)
06-27-84	38-30 gal drums	Empty-orginally contained lanthanum nitrate	P84-044	R
	15-55 gal drums	Empty-orginally contained trichoroethane		R
07-05-84	100 lb	Versene EDTA	P84-045	U
	50 lb	Hazardous waste liquid (Thiourea)		R
	13 gal	Hazardous waste liquid (Ethylene glycol)		R
	450 lb	Oxidizer (Ammonium persulfate)		R
	9 drums, 55 gal	Empty - originally contained corrosive waste		R
	1 drum, 55 gal	Corrosive waste -Split asphalt emulsion drum		U
08-13-84	12 drums, 55 gal	Empty - originally contained Sludgetool 600	P84-057	U
	8 drums, 55 gal	Empty - originally contained DEARBORN 653		U
	6 drums, 55 gal	Empty - originally contained Steammate 2004		U
	2 drums, 55 gal	Empty - originally contained DEARBORN 874		U
08-23-84	10 drums, 55 gal	Empty - originally contained paint thinner	P84-057	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

Date	Quantity	Chemical	Disposal Packet Number	Comments
08-23-84	16 drums, 55 gal	Empty - originally contained HN Hydroxylamanenitrate	P84-062	U
	3 drums, 55 gal	Empty - originally contained Caustic soda		R
08-28-84	27 misc. buckets and drums	Empty - original contents unknown	P84-006	U
09-05-84	30 gal	Metal alloy - 40% Aluminum 60% Calcium	P84-063	U
	200 lb	Metal alloy - 40% Aluminum and 60% Calcium		R
09-13-84	15 drums, 55 gal	Empty - original contents unknown	P84-006	U
09-13-84	1 bag	Dry waste		U
09-24-84	10 gal	Dioctyl Sebacate	P84-068	R
10-11-84	74 drums, 55 gal	Empty - originally contained oil	P84-072	U
10-17-84	70 drums, 55 gal	Empty - originally contained Glycol	P84-074	U
10-30-84	185 drums, 55 gal	Empty - original contents unknown	P84-076	U
	1 drum, 50 lbs	Misc. garbage, gloves, cleanup items		U
11-09-84	100 drums, 55 gal	Empty - originally contained Sodium hydroxide	P84-080	R
	25 drums, 30 gal	Empty - originally contained Filming amine		U
	15 drums, 30 gal	Empty - originally contained Sodium sulfite		U
11-09-84	75 gal	Paint sludge	P84-081	U
	1 drum, 55 gal	Empty - originally contained paint		U
11-26-84	10 drums, 55 gal & 1 drum, 30 gal	Empty - original contents unknown	P84-086	U
	3 drums, 55 gal	Empty - originally contained lube oil		U
	3 drums, 55 gal	Empty - originally conntained methyl ethyl ketone		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #28

Date	Quantity	Chemical	Disposal Packet Number	Comments
	1 drums, 55 gal	Empty - originally contained Petroleum naphtha		R
	1 drum, 55 gal	Empty - originally contained corrosive liquid		R
	2 gal	Ethylene glycol absorbed		R
12-14-84	60 drums, 42 gal	Empty - originally contained Sludgetrol Deatrol 4752	P84-088	U
	2 drums, 42 gal	Empty - originally contained Amine-Super Filmeen 14		U
	4 drums, 42 gal	Empty - originally contained Corregen-Dearborn 66		U
	4 drums, 42 gal	Empty - originally contained Lubricating oil		U
12-20-84	.7 ft^3	Flammable liquid	P84-090	U
12-20-84	7 drums, 55 gal	Empty - originally contained Ferrous sulfamate	P84-091	U
	8 drums, 55 gal	Empty - originally contained Hydroxlamine nitrate		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
11-05-82	210 lb	Lead acid gel in battery	P82-069	R
12-10-82	1 lb	Mercury absorbed and contained	P82-072	R
12-17-82	4 ft^3	Beryllium copper	P82-075	R
~~02-03-83~~	~~1,440 lb~~	~~Lithium nitrite and reaction debris~~		
02-03-83	1,140 lb	Lithium nitrite and reaction debris	P83-006	R
03-21-83	10 lb	Phosphoric acid	P83-011	R
03-21-83	170 mL	Gasoline	P83-012	R
	4,000 mL	Xylene		R
	1,000 mL	Toluene		R
	1,000 mL	Cyclohexane		R
	40 mL	tetra-N-Propyl ammonium hydroxide		U
	400 mL	di-N-Butyl sulfoxide		U
	100 mL	2,4-D Amine		R
	200 mL	Dicamba		U
	200 mL	Teflon*		U
	200 mL	Tordon*		U
	500 mL	50% hydrogen peroxide		R
	200 mL	Type B polymer		U
	200 mL	Type A polymer		U
03-21-83	2 gal	Ammonium fluoride	P83-013	R
04-12-83	2 bags	Misc. (herbicide contaminated rags, respirator cartridges, etc.)	P83-016	U
04-14-83	11 lb	Sulfanilic acid	P83-017	R
	4 kg	Sulfanilamide		R
	500 g	Potassium persulfate reduced		R
	250 g	Chloramine T		U
05-04-83	5 gal	Muriatic acid	P83-018	R
	1 gal	Hydrofluoric acid		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	05-05-83	2 gal	p-Dioxane	P83-020	R
2		~~4 kg~~	~~1-Octanol~~		
3		2.5 gal	1-Octanol		R
4		2 qt	Triton x-100 (alkyl-lanyl-polyether alcohol)		U
5		20 kg	1,2,4-Trichlorobenzene		R
6		~~10 pts~~	~~Tetrachloroethylene~~		(2)
7					
8	~~05-12-83~~	~~48 lb~~	~~Ammonium bifluoride~~		
9	05-12-83	unknown	Ammonium bifluoride	P83-022	R
10		25 lb	Calcium fluoride		R
11		600 lb	(Chel. DTPA 41) sodium salt*		U
12		200 lb	Sodium salt		U
13		1,200 lb	Rare earth carbonate		U
14		250 lb	Sodium sulfate		U
15		300 lb	Strontium carbonate		U
16		300 lb	Floculant		U
17		15 gal	Tol floc coag. floculant		U
18		1000 lb	Calcium reacts with oxidizers		R
19		~~350 lb~~	~~Powdered clay olin 5004* coagulant aid~~		
20		350 lb	Olin 5004 Coagulent aid		U
21		~~55 gal~~	~~Magnesium nitrate~~		
22			~~Crystal oxidizer~~		
23		~~55 gal~~	~~Nitrilotriacetic acid~~		
24		~~55 gal~~	~~Nalco 5* - sodium~~		
25			~~Aluminate~~		
26		~~55 gal~~	~~Nickelous nitrate~~		
27			~~oxidizer~~		
28		~~55 gal~~	~~Silica gel - actuated~~		
29			~~desiccant~~		
30		1000 lb	Silica gel - actuated		U
31			desiccant		
32					
33		~~100 lbs~~	~~Silica gel~~		
34		300 lb	Silica gel		U
35					
36	06-01-83	1 lb	Oxalic acid	P83-027	R
37		1 lb	Sodium hydroxide		R
38		1 lb	Aluminum chloride		U
39		1 lb	Aluminum nitrate		R
40		3 pt	Hypo-phosphorus acid		R
41		1 lb	Magnesium perchlorate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Arsenic acid		R
2		25 mL	Petroleum ether		R
3		3 lb	Magnesium perchlorate		R
4		10 pt	Hydroodic acid		R
5		20 pt	Hydroodic acid		R
6		0.25 lb	Potassium hydrogen phthalate		U
7		1 lb	Potassium persulfate		R
8		1 lb	Bromine		R
9		1 pt	Cerric sulfate in sulfuric acid		R
10		1 lb	Sodium hydroxide		R
11		1 lb	Sodium acetate		R
12		5 lb	Ammonium oxalate		R
13		1 lb	Potassium chloride		R
14		1 lb	Potassium carbonate		R
15		6.25 lb	Potassium sodium tartrate		U
16		1 lb	Potassium carbonate		R
17		5 lb	Cupric sulfate		R
18		500 mL	Ferric ammonium sulfate		R
19		0.25 lb	Ammonium iodide		U
20		8 lb	Barium chloride		R
21		0.25 lb	Cerium nitrate		U
22		0.25 lb	Lanthanum nitrate		R
23		1 lb	Mercuric thiocyanate		R
24		1 lb	Ammonium oxalite		U
25		12 lb, 1 lb	Sodium meta bisulfate		R
26		10 lb	Sodium bisulfate monohydrate		R
27		1 oz	Cupferron		U
28		1 gal	Propylene carbonate		R
29		1 lb	Sodium bicarbonate		R
30		1 lb	Sodium arsenite		R
31		1 lb	Sodium sulfate		U
32		3 lb	Sodium metasilicate		R
33		1 lb	Sodium phosphate		R
34		0.25 lb, 0.25 lb	Sodium iodide		R
35		1 lb	Sodium hydrosulfate		U
36		4 lb	Sodium dithionite		R
37		1 lb	Sodium bromate		R
38		1 lb, 1 lb	Sodium oxalate		U
39		1 lb	Sodium chloride		R
40		250 mL	Sodium acetate		R
41		1 lb, 7 lb	Sodium fluoride		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Sodium sulfite		U
2		1 lb	Ferrous ammonium sulfate		R
3		2 lb	Ammonium acetate		R
4		1 lb	Ammonium bifluoride		R
5		2 lb	Ammonium molybdate		R
6		1 lb	Ammonium phosphate		U
7		2 lb	Ammonium sulfate		R
8		9 lb	Ascorbic acid powder		U
9		1 lb	Sodium acetate		R
10		1 lb	Ferric chloride		R
11		1 lb	Cerric nitrate		U
12		1 lb	Sodium carbonate		R
13		2 lb	Ferrous ammonium sulfate		R
14	06-01-83	25 mL	Tri-Sil Z*		U
15	(cont)	50 mL	Ferrous sulfamate		U
16		1 qt	Potassium permangate		R
17		1 qt	Potassium hydrogen sulfate		R
18		~~1 qt~~	~~Potassium hydrogen sulfate~~		
19		3 lb	Potassium nitrate		R
20		1 lb	Potassium chloride		R
21		1 lb	Potassium carbonate		R
22		0.25 lb	Cupric nitrate		R
23		1 lb, 0.25 lb	Ferric nitrate		R
24		1 lb	Sodium oxalate		U
25		250 mL	Potassium permanganate		R
26		5 g	Bromo cresol purple sodium		U
27		2 lb	Ammonium citrate		R
28		25 g	Tetrapropylammonium hydroxide		U
29		1 lb	Sodium bisulfate		R
30		3 lb	Sodium bisulfate monohydrate		R
31		1 lb	Sodium carbonate		R
32		6 lb	Sodium chloride		R
33		1 lb	Sodium chromate		R
34		15 lb	Sodium nitrate		R
35		0.25 lb	Sodium tartrate		U
36		1 lb	Sodium thiosulfate		U
37		1 lb	Urea		U
38		0.25 lb	Acid potassium phthalate		U
39		1 lb	Cuprous chloride		U
40		6 lb	Ferrous ammonium sulfate		R
41		2 lb	Lithium fluoride		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Magnesium chloride		R
2		1 lb	Nickel nitrate		U
3		3 lb	Potassium bromate		R
4		1 lb	Potassium fluoride		R
5		100 g (top of	Sulfamic acid		R
6		drum)			
7		115 g	Hydroxylamine hydrochloride		R
8		125 mL	Dibutyl phosphonate		U
9		250 mL	Collodion		U
10		1 pt	Methyl isobutyl ketone		R
11		1 pt	Agle sulanilic acid in acetic acid		U
12		125 mL	Lithium-10-phenanthroline ferrous sulfate		U
13	06-01-83	5 lb (top of	Sulfamic acid		R
14	(cont)	drum)			
15		1 lb	o-Tolidine dihydrochloride		U
16		12 lb	Ascarite		R
17		0.25 lb (top of	Glycolic acid		U
18		drum)			
19		8 lb	Hydroxylamine hydrochloride		R
20		0.25 lb	Diethylene-triamine-penta-acetic acid		U
21		1 lb	Hydroxylamine hydrochloride		R
22		200 mL, 500 mL	Dibutyl phosphonate		U
23		200 mL	Dichlorodimethylsilane		U
24		125 mL	n-Tridecane		U
25		250 mL, 250 mL	Formic acid		R
26		(bottom of			
27		barrel)			
28		1 pt	Isoamyl alcohol		R
29		1 pt	Amyl acetate		R
30		1 gal	Methymethocylate		U
31		1 gal	Tributylphosphate		R
32		2 gal	Butylstearate		R
33		1 pt	Isoamyl alcohol		R
34		5 pt	Methylisobutyl ketone		R
35		3 lb	Ascarite		R
36					
37	06-06-83	46 lb	Dioctyl sebacate (absorbed)	P83-031	R
38					
39	05-11-83	8,835 g	Petroleum distillates	P83-021	R
40		1,500 cc	Ethyl acetate		R
41		16.5 oz	Petroleum solvent and alcohol		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
	12 oz	Metal check remover E-59		U
	3 oz	Petroleum distillate and diethyl ether		R
06-22-83	125 lb	TURCO 4502	P83-034	R
~~06-27-83~~	~~24 oz~~	~~Sulfuric acid~~		
06-22-83	24 oz	Sulfuric acid	P83-035	R
	8 oz	Potassium hydroxide solution		R
	8 oz	Sulfate solution		U
~~07-10-83~~	~~125 lb~~	~~Ferrous sulfamate~~		
	~~325 lb~~	~~Painters' waste (rags, thinner, etc.)~~		
06-06-83	125 lb	Ferrous sulfamate	P83-032	U
	325 lb	Painter's waste (rags, thinner,etc.)		U
	3 drums, 30 gal	Empty - originally contained Hydrazine		R
	12 drums, 55 gal	Empty - originally contained Hydoxylamine nitrate		U
07-27-83	735 gal	Ferrous hydroxide	P83-038	U
	230 gal	Floor sweepings [calcium carbonate, silica, lithium hydroxide (solid)]		R
07-27-83 (cont)	75 lb	Cupric nitrate		R
09-08-83	4.5 gal	Retort water [organic carbon 30,000-40,000 ppm C inorganic carbon 1,000-3,000 ppm C ammonium ion 36,000 ppm (as ammonium ion)] Ammonium Anions: Sulfate = 23,000 ppm Disulfite = 46,000 ppm Sulfite = up to 2,000 ppm Elements: (ppm) Arsenic - 7 Boron - 45 Barium - 0.2 Calcium - 35 Cadmium - 0.4 Chromium - 0.1 Cobalt - 0.25 Copper - 2 to 24	P83-045	R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
		Iron - 1		
		Lithium - 4		
		Magnesium - 1,000		
		Manganese - 0.1		
		Molybdenum - 0.5		
		Potassium - up to 70		
		Sodium - 520		
		Silicone - 20		
		Strontium - 1.5		
		Zinc - 3.5		
09-08-83	3 pt	1,4 Dioxane	P83-046	R
	1 pt	Nitromethane		R
	2 pt	Methylene chloride		R
	1 lb	Anhydrone		U
	4,500 mL	2-Butoxyethanol		R
	2 gal	Ethylene dichloride		R
	5 kg	1,1,2,2-Tetrabromo-methane		R
	1 gal	Micro resist rinse (N-butyl acetate)		R
	1 gal	Micro resist developer (petroleum distillates)		R
	2 qt	Micro-Neg resist thinner (contains xylene)		R
	2 gal	Tetrachloroethylene		R
09-08-83	0.5 pt	Ditridecyl amine	P83-047	U
	0.5 pt	Malachite Green hydrochloride		U
	0.25 pt	Cobalt molybdenate		U
	~~0.25 pt~~	~~Calcium sulfate~~		
	1 pt	Quinizarin		U
	0.5 pt	Copper oleate		U
09-08-83	1 pt	Ethoxyquin		U
(cont)	1 lb	Dipentamethylene thiuram hexasulfide		U
	0.5 pt	Ethylene glycol		R
	500 g	Tetramethyl thiceram disulfide		U
	1.5 kg	Guaiacol		R
	0.5 gal	Sorbitan monooleate		U
	0.5 lb	Diphenyl-phosphoric sulfide		U
	3 lb	Hydroxylamine hydrochloride		R
	0.25 pt	N,N-Dimethyl-p-phenylene diamine sulfate		U
	160 lb	Copper sulfate crystals		R
	1 pt	Heptane		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 pt	1-Butanol		R
2		1 gal	Tetrahydrofuran		R
3		1,500 g	Ethanolamine		R
4		0.25 pt	Benzaldehyde		U
5		1 kg	Acrylonitrile 99%		R
6		5 pt	Aniline		R
7		2 L	Sodium amide		R
8		1 gal	Chloroform		R
9		1 gal	Formaldehyde		R
10		1 gal	Carbon tetrachloride		R
11		1 pt	Aluminum cleaner		U
12		1 kg	Crotonaldehyde		R
13		~~11 lbs~~	~~2, 4-Dinitrophenol~~		
14		1 lb	2, 4-Dinitrophenol		R
15		5 gal	n-Hexane		R
16		1.5 pt	Formaldehyde		R
17		1 lb	Alamine 7D		U
18		1 lb	Alamine 4D		U
19		.25 pt	1 M $CuSO_4$		U
20		1 gal	HNO_3		R
21		1 pt	$CHCl_3$		R
22		2 lb	Sulfamic acid crystals		R
23					
24					
25	~~09-20-83~~	~~1 pt~~	~~Acetone~~		(7)
26		~~1 lb~~	~~Butyl alcohol~~		
27		~~1 pt~~	~~Glycerine (alcohol n.o.s.)~~		
28		~~1 lb~~	~~Dextrose anhydrous~~		
29		~~1 lb~~	~~Potassium dichloride~~		
30		~~5 lb~~	~~Sodium chloride~~		
31		~~1 lb~~	~~Sodium silica~~		
32		~~1 lb~~	~~Hydrofluoric acid~~		
33		~~100 g~~	~~Sulfamic acid (corrosive solid n.o.s.)~~		
34		~~1 lb~~	~~Trichloroacetate (corrosive solid n.o.s.)~~		
35		~~1 lb~~	~~Lithium hydroxide (corrosive solid n.o.s.)~~		
36		~~5 lb~~	~~Sodium hydroxide~~		
37		~~1 lb~~	~~Aluminum nitrate~~		
38	~~09-20-83~~	~~0.25 lb~~	~~Cupric nitrate~~		
39	~~(cont)~~	~~1 lb~~	~~Magnesium nitrate~~		
40		~~1 lb~~	~~Magnesium oxide~~		
41		~~1 lb~~	~~Potassium nitrate~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
	~~1 lb~~	~~Potassium permanganate~~		
	~~4 oz~~	~~Silver nitrate~~		
	~~1 lb~~	~~Sodium nitrate~~		
	~~1 lb~~	~~Strontium nitrate~~		
	~~1 oz~~	~~Zirconium nitrate~~		
	~~1 lb~~	~~Calcium carbonate~~		
	~~1 lb~~	~~Ferric oxide~~		
	~~1 lb~~	~~Potassium phosphate~~		
	~~1 lb~~	~~Potassium phosphate~~		
	~~1 lb~~	~~Sodium acetate~~		
	~~1 lb~~	~~Sodium bicarbonate~~		
	~~1 lb~~	~~Aluminum oxide (ORMA n.o.s.)~~		
	~~1 lb~~	~~Ammonium carbonate~~		
	~~1 lb~~	~~Potassium hydrogen sulfate~~		
	~~1 lb~~	~~Ammonium chloride~~		
	~~1 lb~~	~~Sodium phosphate~~		
10-04-83	6,375 lb	Altrex* metal cleaner	P83-051	R
10-17-83	~~50 gal~~	~~Doctyl sebacate (absorbed)~~	P83-054	
	50 gal	Dioctyl sebacate (aborbed)		R
10-27-83	2 pt	Trichloroacetic acid	P83-055	R
	9 pt	Methyl alcohol		R
	~~6 lbs~~	~~Chloroform~~		(2)
09-14-82	77 - 5 gal cans	Empty - originally contained Fenamine	P82-059	U
	17 - 5 gal cans	Empty - originally contained R-11		U
	3 - 5 gal cans	Empty - originally contained 2,4-D amine		R
	6 drums, 55 gal	Empty - originally contained 2,4-D amine		R
	20 - 2.5 gal cans	Empty - originally contained Dicamba		U
09-27-82	20 plastic bags	Empty - originally contained Sodium nitrate	P82-062	R
	20 plastic bags	Empty - originally contained Sodium nitrite		R
	20 plastic bags	Empty - original contents unknown		U
09-30-82	400 lb	Simulated waste calcine	P82-064	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
10-19-82	2 boxes	Spike	P82-066	U
	12 drums, 55 gal	Krovar		U
10-21-82	150 drums, 55 gal	Empty - original contents unknown but potentially hazardous	P82-067	U
11-15-82	15 bottle-pak	Empty Herbicide container	P82-070	U
02-03-83	32 drums, 55 gal	Empty - original contents unknown	P83-007	U
	2 drums, 30 gal			
	1 tank			
02-09-83	26 drums, 55 gal	Empty - original contents unknown	P83-008	U
03-09-83	1 drum, 55 gal	Empty - originally contained Trichlorobenzene	P83-010	R
	2 drums, 55 gal	Empty - originally contained oil		U
	1 drum, 55 gal	Empty - originally contained Tributylphosphate		R
	5 drums, 55 gal	Empty - originally contained		R
	& 1 drum, 30 gal	NALCO 5 Sodium aluminate		
03-29-83	108 drums, 55 gal	Empty - originally contained pesticide	P83-014	U
05-12-83	100 lb	Battery lead acid gel	P83-023	R
05-24-83	2 drums, 55 gal	Empty - originally contained	P83-024	U
	8 cans	Assault		
	2 drums, 55 gal	Empty - originally contained Polymoter		U
05-31-83	35 drums, 55 gal	Empty - originally contained Sodium Bisulfate	P83-026	R
06-02-83	7 gal	50:50 Methanol water mixture	P83-028	R
	1 gal	25:25:25:25 Methanol, water, Benzene and Hexane mixture		R
	.5 gal	Crude oil		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
06-02-83	1.75 gal	Dioxane	P83-029	R
	2 qt	Bromine		R
	1 pt	Perchloric acid		R
06-02-83	3 lb	Nitric acid 90%	P83-030	R
	30 pt	Phosphoric acid 85%		R
	66 lb	Hydrochloric acid 37 %		R
	25 lb	Glacial acetic acid		R
	15 lb	Nitric acid		R
06-20-83	1 drum, 55 gal	Empty - originally contained Hydrazine	P83-033	R
	1 drum, 55 gal	Empty - originally contained Hydroxylamine nitrate		U
07-25-83	3 - 4 tons	Sugarcane bagasse	P83-037	U
08-11-83	46 drums, 55 gal	Empty - originally contained FeOH	P83-039	U
	2 drums, 55 gal	Empty - originally contained caustic soda beads		R
	3 drums, 30 gal	Empty - originally contained Cerium nitrate		R
	1 drum, 55 gal	Empty - originally contained Neodyium nitrate		U
	1 drum, 55 gal	Empty - originally contained Aluminum hydroxide		U
	11 drums, 55 gal	Empty - originally contained Ferric phosphate		U
	1 drum, 55 gal	Empty - originally contained Zirconium nitrate		U
	1 drum, 55 gal	Empty - originally contained Lithium hydroxide		R
09-08-83	14 gal	Hi temp oil	P83-041	U
	3 lb	Ammonium fluoride		R
	1 lb	Alumina chloride		U
09-08-83	4 lb	Sodium thiosulfate	P83-042	U
	1 lb	Sodium silicate,meta		R
	1 lb	Potassium chloride		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
	8 lb	Calcium hydroxide		R
	1 lb	Sodium sulfate, anhydrous		U
	.25 lb	Oxalic acid		R
	1 lb	Ammonium sulfate		R
	7 g	Chloropatinic acid		U
	.25 lb	Thorium chloride		U
	1 lb	Barium nitrate		R
	1 lb	Calcium nitrate		R
	1 lb	Barium chloride		R
	.25 lb	Calcium oxide		U
	.25 lb	Strontium chloride		U
	.25 lb	Strontium sulfate		U
	.25 lb	Aluminum octoate		U
	1 lb	Boric acid		R
	1 lb	Sodium silicofluoride		U
	1 oz	Sodium tungstate		U
	4 oz	Potassium periodate		U
	3 lb, 4 lb	Iodine, resublimed		R
	1 lb	Sodium phosphate, tribase		R
	250 g	Titanous sulfate		U
	1 lb	Barium chloride		R
	1 lb	Calcium oxide		U
	.25 lb	Calcium chloride		R
	1 lb	Sodium stannate		U
	1 lb	Ammonium chloride		R
	1 lb	Hydroxalamine hydrochloride		R
	.25 lb	Sulfanilic acid crystals		R
	1 lb	Dinonyl phthalate		U
	.5 lb	1-Naphthoic acid		U
	1 lb	Quinhydrone		U
	.25 lb	N,N-Diphenyl formamide		U
	1 lb	Manganese acetate		U
	.25 lb	Potassium biphthalate		U
	.25 lb	Anthracene-9-carboxylic acid		U
	.25 lb	Diphenylamine		U
	1 lb	Ferric citrate		U
	.5 lb	O-toldidine		U
	2 lb	Potassium hydroxide pellets		R
	1 lb	Potassium pyrosulfate		R
	1 lb	Ferric ammonium sulfate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
	1 lb	Sodium borate, tetra		U
	1 lb	Ferrous sulfate		U
	1 lb	Magnesium sulfate, anhydrous		U
	.5 lb	Sodium nitrate		R
	1 lb	Potassium Sulfate		R
	.25 lb	Potassium persulfate		R
	1 lb	Ferric nitrate		R
	1 lb	Sodium borate		U
	1 lb	Sodium bicarbonate		R
	1 lb	Ammonium oxalate		R
	1 lb	Stannous chloride		R
	1 lb	Ferric sulfate		R
	1 lb	Cupric sulfate		R
	.25 lb	Sodium sulfate		U
	1 lb	Sodium thiosulfate		U
	.25 lb	Sodium iodate		U
	1 lb	Ammonium bromide		U
	1 lb	Iodic acid		U
09-08-83	7 gal	Mixture of 50% acetone 10% THF, 15% methylene chloride, 25% methanol	P83-043	R
09-08-83	5 gal	1.5 M H_3PO_4 & .01 M Diethylthiourea	P83-044	R
	3 gal	9% Sulfamic acid & 5 % formaldehyde		R
	1 gal	20% HNO_3 & 30 % HF		R
	1 gal	15% H_2SO_4 & .3% HF & .01 M phenylthiourea		R
	12 pt	Sodium Hypochlorite		R
	2 L	Titanium isopropyl		U
10-03-83	31 drums, 55 gal	Empty - originally contained oil	P83-048	U
10-03-83	10.2 gal	PCB	P83-049	R
10-04-83	60 - 5 gal jugs	Empty - originally contained	P83-050	R
	37 drums, 55 gal	Ammonia Hydroxide		
10-10-83	1.5 gal	unknown acid	P83-052	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	10-17-83	51 drums, 55 gal	Empty - originally contained oil	P83-053	U
2					
3					
4	10-31-83	4500 ml	Methanol	P83-056	R
5		500 ml	Butyl Acetate		R
6		1 L	Cyclohexane		R
7		100 ml	Tributylamine		U
8		250 ml	Ethylhexylphosphate		U
9		250 ml	EthylhexylHydrogen-Phosphate		U
10		500 ml	Hexylalcohol		U
11		500 ml	EthylTrichloroacetate		U
12		3 L	Acetate		U
13		1 L	NaCl Glycerine		U
14		125 ml	Phenathrolin Ferrous		U
15		2 gal	Propylene		U
16		4500 ml	Butyl Stearate		R
17		500 ml	Perchloric acid		R
18		50 ml	Fluorolube		U
19		20 g	Disulfonic acid		U
20		1 lb	AmmoniumHydrogen-fluoride		U
21		1 lb	Sodium Hydrosulfite		U
22		3 lb	Sodium Hydroxide		R
23		3 lb	Sodium Hydroxide		R
24		1 L	TriButylPhosphate		R
25		1 L	TriButylPhosphate		R
26		1 lb	Sodium Phosphate III		R
27		2 lb	Ferrous Ammonium Sulfate		R
28		1 lb	Ferrous Ammonium Sulfate		R
29		1 lb	Sodium Hypophosphite		U
30		1 lb	Sodium Phosphate		R
31		3 lb	Sodium fluoride		R
32		1 lb	Sodium Bisulfate Monohydrate		R
33		5 lb	Ammonium Oxalate		R
34		2 lb	Sodium Nitrate		R
35		2 L	Sodium Nitrate		R
36		.25 lb	Strontium Nitrate		R
37		.25 lb	Ferric nitrate		R
38		3 lb	Aluminum Nitrate		R
39		500 g	Cerous Nitrate		U
40		2 g	Sodium Nitrate mixture		R
41		2 g	Silver Nitrate		R
42		1.25 g	Cerous Nitrate		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		2 lb	Potassium nitrate		R
2		1 lb	Ferric nitrate		R
3		1 lb	Potassium nitrate		R
4		1 lb	Sodium carbonate		R
5		1 lb	Sodium meta silicate		R
6		1 lb	Sodium Acetate		R
7		1 lb	Silver Chloride		R
8		4 oz	Chlorohydrate		U
9		2.5 lb	Lithium Hydroxide anhydrous		R
10		5 lb	Potassium sulfate		R
11		1 lb	Ammonium citrate		R
12		1 lb	Ammonium Molybdate		R
13		1 lb	Calcium carbonate		U
14		.25 lb	Sodium oxalate		U
15		100 g	Cerium dioxide		U
16		1 lb	Postassium carbonate		R
17		2 lb	Magnesium perchlorate		R
18		.25 lb	Sodium iodide		R
19		1 lb	Strontium fluoride		U
20		1 lb	Lithium fluoride		U
21		1 lb	Sodium chloride		R
22		2 lb	Strontium chloride		U
23		1 lb	Ammonium persulfate		R
24		5 lb	Zinc oxide		R
25		5 g	Azolitmin		U
26		5 g	Teirabormophenol-supone phthalein		U
27		4 lb	Oxalic acid		R
28		5 lb	Oxalic acid		R
29		.25 lb	Sulfosalicylic acid		U
30		4 oz	Tangstic acid		U
31		160 g	Phenathroline		U
32		2 g	Zinc dithiol		U
33		100 g	Uresae		U
34		10 g	Orzan		U
35		.25 g	8-Hydroxyquinoline		U
36		15 g	Rosolic acid		U
37		25 g	Trioctylphosphire oxide		U
38		10 g	Neutral red		U
39		1 lb	Tolidine dihydrochloride		U
40		1 lb	Citric acid		N
41		1 lb	Hydroxylamine-Hydrolchloride		R
42					

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
	1 lb	Molecular sieve		U
	1 oz	8-Quinolinol		U
11-10-83	51 drums, 55 gal	Empty - originally contained Hydrazine and Hydroxalymine nitrate and Cadmium nitrate	P83-057	R
01-01-84	37 drums, 55 gal	Empty - originally contained oil	P84-001	U
01-12-84	22 drums, 50 lb	Empty - originally contained KROVAR I	P84-002	U
	55 - 2 gal plastic containers	Empty - originally contained FENAMINE		U
	12 - 5 gal metal containers	Empty - originally contained 2,4,D Amine		R
	3 - 5 gal plastic containers	Empty - originally contained R-11		U
	1 - 2.5 gal plastic containers	Empty - originally contained BANVEL		U
	1 plastic bag	Miscellaneous rags, paper,etc.		U
01-23-84	4 - 2.5 gal plastic containers	Empty - originally contained Sim-Trol (Atrazine)	P84-004	U
	21 - 1 gal plastic containers	Empty - originally contained HYVAR (Bromacil)		U
	1 plastic bag	RESMETHRIN contaminated organic material - (bee-hive debris)		U
01-27-84	25 drums, 55 gal	Empty - original contents unknown	P84-006	U(6)
03-01-84	10 drums, 55 gal	Empty - originally contained Conoco Turbine 32	P84-013	U
	3 drums, 55 gal	Empty - originally contained Shell Turning oil		U
	3 drums, 55 gal	Empty - originally contained Texaco Hydraulic Fluid		U
	18 drums, 55 gal	Empty - originally contained NAKO fuel oil treatment 158		U
	4 drums, 55 gal	Empty - originally contained Methylethyl Ketone		R

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CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #31

Date	Quantity	Chemical	Disposal Packet Number	Comments
03-24-84	164 drums, 55 gal	Empty - originally contained oil	P84-015	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	11-07-80	110 gal	Copper beryllium	P80-070	U
2		(400 lb)			
3	11-13-80	110 gal	Chemical solution:	P80-071	R
4		(700 lb)	Acetone,		
5			~~Touluene~~		
6			Toluene		
7			Methylene chloride and		
8			Pyrolytic compounds		
9					
10	11-26-80	4 gal	Waste organic solvents:	P80-072	R
11			Methyl isobutyl ketone, Hexane,		
12			Methylene chloride (absorbed on vermiculite)		
13	~~12-26-80~~	~~4 gal~~	~~Waste solvents:~~		
14			~~Methyl isobutyl ketone, Hexane~~		
15			~~Methylene chloride, Ethanol double canned~~		
16			~~on vermiculite in 25- and 50-lb tin cans (could be~~		
17			~~absorbed)~~		
18					
19	~~12-29-80~~	~~Small quantity~~	~~Oxalate reagent~~		(4)
20		~~laboratory~~	~~Rhodium~~		
21		~~reagents,~~	~~Sulfa salt~~		
22		~~quantity less~~	~~Hydroquinone~~		
23		~~than 1 kg~~	~~Cadmium oxide~~		
24			~~Potassium sulfate~~		
25			~~Ammonium compound~~		
26			~~Ammonium oxalate~~		
27			~~Versenol 120*~~		
28			~~Dibutyl hydrogen phosphate~~		
29			~~N-phenylbenzoyl-dioxanic acid~~		
30			~~Dicyandiamide~~		
31			~~5-sulfosalicylic acid~~		
32			~~Quinaldine~~		
33			~~Bathophenarthvoline disalfonic acid,~~		
34			~~disodium salt~~		
35			~~Alizarin~~		
36			~~Ammonium molybdate~~		
37			~~Potassium hydroxyacetate~~		
38			~~Potassium chloride~~		
39			~~Ammonium citrate~~		
40			~~Ammonium persulfate~~		
41			~~Sodium hydrogen carbonate~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Oxalic acid~~		
2	~~12-29-80~~		~~Cesium nitrate~~		
3	~~(cont)~~		~~Sodium nitrate~~		
4			~~Ethyldianthic acid~~		
5			~~Ferrous ammonium sulfate~~		
6			~~Benzoic oxaine~~		
7			~~Potassium nitrate~~		
8			~~N-phenylbenzo hydroxamic acid~~		
9			~~Sodium nitrate~~		
10			~~Sodium iodide~~		
11			~~α-Benzoic oxime~~		
12			~~Potassium sodium tartrate~~		
13			~~Sodium bromide~~		
14			~~Sodium nitrate~~		
15			~~Sodium suflate~~		
16			~~Phosphorous acid~~		
17			~~Sodium bisulfate~~		
18			~~Potassium cyanide~~		
19			~~Potassium periodate~~		
20			~~Potassium citrate~~		
21			~~2-Potassium permanganate~~		
22			~~Magnesium sulfate .7 water~~		
23			~~Bismuth metal~~		
24			~~Strontium nitrate~~		
25			~~Lead nitrate~~		
26			~~Phosphomolybdic acid, 48 hydrate~~		
27			~~Potassium colbalticycubude~~		
28			~~Acid tungstic~~		
29			~~Potassium iodide~~		
30			~~Ceric sulfate~~		
31			~~Dimethylglyoxime~~		
32			~~Barium chloride~~		
33			~~Barium chloride~~		
34			~~Diphenylthiocarbenzone~~		
35			~~Mercuric sulfate~~		
36			~~Sodium fluoride~~		
37			~~Ammonium persulfate~~		
38			~~Diethyldithiocarbonic acid~~		
39			~~Lead hydrate~~		
40			~~Antimony potassium tartrate~~		
41			~~Na_2SO_4~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~8-Quinolinal-8-hydroxyquinoline~~		
2			~~Ammonium persulfate~~		
3	~~12-29-80~~		~~Ammonium carbonate~~		
4	~~(cont)~~		~~Calcium carbonate~~		
5			~~Citric acid~~		
6			~~Potassium sodium tartrate~~		
7			~~Potassium hydroxide~~		
8			~~Cupric nitrate~~		
9			~~Potassium hydroxide flakes~~		
10			~~Cupric sulfate~~		
11			~~Kaolin~~		
12			~~Sodium phosphate, monobasic~~		
13			~~Copper metal~~		
14			~~Hydrous citric acid~~		
15			~~Sodium bismuthate~~		
16			~~Ammonium chloride~~		
17			~~Cupric sulfate~~		
18			~~Ammonium sulfate~~		
19			~~Calcium chloride~~		
20			~~Anhydrone~~		
21			~~Cesium sulfate~~		
22			~~Cesium nitrate~~		
23			~~Beryllium nitrate~~		
24			~~Cesium chloride~~		
25			~~Lithium sulfate~~		
26			~~Potassium bichromate~~		
27			~~Potassium pyrosulfate~~		
28			~~Iodine~~		
29			~~Potassium nitrate~~		
30			~~Lead iodide~~		
31			~~Potassium iodide~~		
32			~~Iodic acid~~		
33			~~Silica tungsten acid~~		
34			~~Potassium pyrosulfate~~		
35			~~Potassium bisulfate~~		
36			~~Sodium sulfide~~		
37			~~Sodium tungstate~~		
38			~~Sodium bromate~~		
39			~~Tin metal~~		
40			~~Sodium nitrate~~		
41			~~Sodium formate~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Sodium phosphate, tribasic~~		
2			~~Acid tungstic~~		
3			~~Sodium phosphate, dibasic~~		
4	~~12-29-80~~		~~Sodium phosphate~~		
5	~~(cont)~~		~~Sodium vanadate~~		
6			~~Sodium thiocyanate~~		
7			~~Zirconyl nitrate~~		
8			~~Tungstic acid~~		
9			~~Chromium chloride~~		
10			~~Versenex 80*~~		
11			~~Versenex 120~~		
12			~~2-Versenex 100~~		
13			~~4-Hydroxylamine . hydrochloric acid~~		
14			~~Sodium acetate~~		
15			~~Citric acid~~		
16			~~Vinyl spray~~		
17			~~Zinc oxide~~		
18			~~2-Thionyltrifluoroacetone~~		
19			~~Alizarine~~		
20			~~Benzoin-oxime~~		
21			~~2,4-Dinotrodrphenylamine~~		
22			~~Thymolphthalein~~		
23			~~2-Dimethylgloxime~~		
24			~~M-Cresolsulfonthalien~~		
25			~~-hydroxy-isobutyric acid~~		
26			~~Acid sulfosulicylic~~		
27			~~3,5-Diiodo-4-pyriodone-N-acetic acid~~		
28			~~5-Cp-dimethylammobenzyladine~~		
29			~~rhodamine~~		
30			~~Quinalizarin~~		
31			~~4,7-Dibromo-8-hydroxyquinoline~~		
32			~~Violuric acid~~		
33			~~hydroxy-iso-butyric acid~~		
34			~~2-Carminin acid~~		
35			~~Rhodizonic acid potassium salt~~		
36			~~Phosphorus acid~~		
37			~~Sodium nitrate~~		
38			~~Nitric acid~~		
39			~~Titanium chloride~~		
40			~~Ammonium bifluoride~~		
41			~~Potassium iron (III) cyanide~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Hydroquinone~~		
2			~~Hydroxyethylethylenediaminetriacetic acid~~		
3			~~DOWEX-2*~~		
4			~~Potassium permanganate~~		
5	~~12-29-80~~		~~Lanthanum nitrate~~		
6	~~(cont)~~		~~Sodium suflate~~		
7			~~Manganese metal chips~~		
8			~~Nickel carbonate~~		
9			~~DOWEX SOW-X8~~		
10			~~Sodium sulfide~~		
11			~~Potassium permanganate~~		
12			~~Calcium nitrate~~		
13			~~Mercury nitrate~~		
14			~~Diisobutylphthalate~~		
15			~~10% Ammonium persulfate~~		
16			~~Dimethylglyoxime in ethanol~~		
17			~~0.1N Sodium hydroxide~~		
18			~~pH 4.4 buffer~~		
19			~~Potassium hydride phthalate buffer~~		
20			~~Acetic acid in trichloromethane~~		
21			~~Water extracted with PCT~~		
22			~~2:1 n-Butanol/ethyl acetate~~		
23			~~0.05% Xylenol orange in methanol~~		
24			~~10% Ammonium molybdate~~		
25			~~DDTC in carbon tetrachloride~~		
26			~~Iron in methanol~~		
27			~~0.1N Trichlorochromate~~		
28			~~3 g Cobalt nitrate - nitric acid~~		
29			~~1N-2N 22.1 mg Water~~		
30			~~1% Triethanol~~		
31			~~E3426~~		
32			~~P2246~~		
33			~~W-2N Methanol~~		
34			~~TTA acetone~~		
35			~~4450 in methanol~~		
36			~~Par water~~		
37			~~"AKS"~~		
38			~~E2942~~		
39			~~RO in water~~		
40			~~Spent methanol~~		
41			~~E238~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Ortho-Phenol~~		
2			~~E3092~~		
3			~~EDT~~		
4			~~E2106~~		
5			~~0.5% PAN in ethanol~~		
6	~~12-29-80~~		~~P7302 in water~~		
7	~~(cont)~~		~~PAN in hexane~~		
8			~~PAN in ethanol~~		
9			~~5.69N Tributyl phosphate~~		
10			~~Eosin~~		
11			~~KD~~		
12			~~P+PA~~		
13			~~Mercury solution~~		
14			~~Phenyl acetate~~		
15			~~10% DIEPPA~~		
16			~~TTA solution 5M in xylene~~		
17			~~Hydroxyethylethylenediaminetriacetic acid~~		
18			~~TTA in benzene~~		
19			~~Amyl acetate spent~~		
20			~~Ethylene dichloride~~		
21			~~Hydrochloric acid and ammonium hydroxide~~		
22			~~0.1% Carminic acid~~		
23			~~0.4M D12 EHPA~~		
24			~~Ammonium carbonate strong in DDH$_2$0~~		
25			~~TOPO wash~~		
26			~~Benzene spent~~		
27			~~Sulfamic acid~~		
28			~~Dimethylglyoxime~~		
29			~~Methyl orange~~		
30			~~d-Tartaric acid~~		
31			~~Periodic acid~~		
32			~~Hydroxylamine hydrochloride~~		
33			~~pH 10 buffer~~		
34			~~Chloran hydrate~~		
35			~~1% APDC~~		
36			~~$(NH_4)_2C_6H_5O_7$~~		
37			~~8N Sodium hydroxide~~		
38			~~1% Sodium hydrogen sulfate~~		
39			~~50% Sodium hydroxide~~		
40			~~6M Sulfuric acid~~		
41			~~6N Ammonium hydroxide~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Methyl orange~~		
2			~~Ammonium hydroxide~~		
3			~~Hydrogen peroxide~~		
4			~~50% Sodium hydroxide~~		
5			~~0.5M Ammonium sulfate~~		
6			~~0.2N Hydrochloric acid~~		
7	~~12-29-80~~		~~10.0 g/L iron~~		
8	~~(cont)~~		~~1% Citric acid~~		
9			~~-N Nitric acid~~		
10			~~pH 2.5 acid spent~~		
11			~~2N Nitric acid~~		
12			~~0.45M HDEHP in isooctane~~		
13			~~1N Sulfuric acid~~		
14			~~12M Nitric acid~~		
15			~~DTPP~~		
16			~~Concentrated phosphoric acid~~		
17			~~1N Nitric acid~~		
18			~~8M Ammonium nitrate and 0.1M nitric acid~~		
19			~~Di2 EHPA~~		
20			~~0.4M Nitric acid~~		
21			~~Acetic acid~~		
22			~~3N Hydrochloric acid~~		
23			~~1M Phosphoric acid~~		
24			~~0.5M Hydrochloric acid~~		
25			~~0.6M Nitrate and sulfate~~		
26			~~100 g/L Sodium sulfate~~		
27			~~10M Nitric acid~~		
28			~~Saturated oxalic acid~~		
29			~~10% Ammonium hydroxide . hydrochloric acid~~		
30			~~Concentrated hydrochloric acid~~		
31			~~Hydrogen peroxide~~		
32			~~0.2N Nitric acid~~		
33			~~Sodium acetal and acetic acid~~		
34			~~Hydrogen peroxide~~		
35			~~0.05M Sulfuric acid~~		
36			~~0.05M Ammonium formate~~		
37			~~Nitric acid~~		
38			~~0.1M KHC_8O_4~~		
39			~~2M Ammonium acetate~~		
40			~~8N Hydrochloric acid~~		
41			~~Butyl alcohol~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
		~~0.05% Quinalizarin~~		
		~~0.01M Nitric acid~~		
		~~4N Nitric acid~~		
		~~pH 3.5 Chromium-tungsten~~		
		~~8.5M Perchloric acid + 0.5M hydrochloric acid~~		
		~~1N Nitric acid + 90% H_3ON~~		
		~~0.2M Hydrochloric acid + 40% ethanol~~		
~~12-29-80~~		~~Bromcresol green in 0.1% ethanol~~		
~~(cont)~~		~~3M Hydrochloric acid 20% ethanol~~		
		~~Bromcresol purple~~		
		~~0.1M Ammonium chloride~~		
		~~1 g/L Boron~~		
		~~0.5 g/L Boron~~		
		~~50% Phosphoric acid~~		
		~~1N Phosphoric acid~~		
		~~2M Ammonium hydrogen citrate~~		
		~~0.1M Ortho-phenol~~		
		~~0.5M Perchloric acid + 0.5M hydrochloric acid + 0.1M hydrofluoric acid~~		
		~~3M Acetic acid~~		
		~~0.01% Methyl orange~~		
		~~Sulfuric acid~~		
		~~0.5M Nitric acid - 70% methanol~~		
		~~Lead 1 g/L~~		
		~~8.5M Perchloric acid + 0.5M hydrochloric acid + 0.1M hydrofluoric acid~~		
		~~3M Acetic acid~~		
		~~0.01% Methyl orange~~		
		~~Sulfuric acid~~		
		~~0.5M Nitric acid - 70% methanol~~		
		~~Lead 1 g/L~~		
		~~Dorex 50 acetate~~		
		~~1 ppm lead~~		
		~~10 g/L Ammonium molybdate in 10% sulfuric acid . 5 mL~~		
		~~8N Sodium hydroxide - 20% sodium oxygen hydroxide~~		
		~~0.1N Sulfuric acid~~		
		~~10M Hydrochloric acid~~		
		~~0.2M Ammonium chloride~~		
		~~0.2N Hydrochloric acid~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~30% Ammonium tartrate~~		
2			~~8 - Hydroxyquinoline (8-HQ)~~		
3			~~5% Hydroxyquinoline in water~~		
4			~~1% Niobium + acetic acid in chloroform~~		
5			~~Diphenylthiocarbazone (dithizone) in~~		
6			~~carbontectrachloride~~		
7			~~0.005M Azure carbon~~		
8			~~1M Hydrochloride acid + 0.1M hydriodic acid~~		
9	~~12-29-80~~		~~APDC in hydrochloric acid~~		
10	~~(cont)~~		~~5% Na Tungsten~~		
11			~~Hydroquinone solution~~		
12			~~Hydrogen peroxide~~		
13			~~Benzene~~		
14			~~1% Methyl glyoxime in ammonium hydroxide~~		
15			~~Solutions:~~		
16			~~Gold~~		
17			~~Copper~~		
18			~~Europium~~		
19			~~Potassium iron (III) cyanide~~		
20			~~Aluminum~~		
21			~~Barium chloride~~		
22			~~Bromocresol purple~~		
23			~~Cromium (III) cation~~		
24			~~8-Hydroxyquinoline~~		
25			~~Selenium 10 mg/L~~		
26			~~Aluminum 1 g/L~~		
27			~~Selenium (VI) cation in 10 g/L~~		
28			~~Butyl cellosolve~~		
29			~~1M Sulfasulacylic acid~~		
30			~~0.1% Alizarine in hexanol~~		
31			~~0.2% PCT in hexane~~		
32			~~30.7 g Manganese chloride hydrate/1 L water~~		
33			~~11.1N Phosphoric acid~~		
34			~~0.5N Phosphoric acid~~		
35			~~TTA 0.5N in Xylene~~		
36			~~DDTC in chloroform~~		
37			~~Hydroxide of hyamin 1M~~		
38			~~10% Acetylacetate in hexanol~~		
39			~~15% Potassium cyanide~~		
40			~~Ethylene glycol~~		
41			~~D,D 1N Hydrochloric acid~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~Ludox* stock solution~~		
2			~~2.5M Dimethylglyoxime~~		
3			~~20% TOPO in benzene~~		
4			~~1.6N Nitrilotriacetic acid~~		
5			~~5% TOPO in cyclohexane~~		
6			~~Dowex, chloroform~~		
7			~~Phosphoric acid in water~~		
8			~~DHDECMP~~		
9			~~33% in cyclohexane~~		
10	~~12-29-80~~		~~1% Boron~~		
11	~~(cont)~~		~~Selenium (VI) in tap water~~		
12			~~Tin (dilute)~~		
13			~~Cold saturated niobium 1 g/L~~		
14			~~Silver 10 mg/mL~~		
15			~~Manganese g/L~~		
16			~~Iron (III) cation~~		
17			~~Methyl violet~~		
18			~~Titanium saturated 1 g/L~~		
19			~~Nickel (II) ion 10 mg/mL~~		
20			~~0.1% Phenyl red~~		
21			~~1% NPHA in chloroform~~		
22			~~Barium (II) ion 10 g/L~~		
23			~~Mercury~~		
24			~~Thymol phthalein~~		
25			~~Zinc (II) ion~~		
26			~~La Carrier 5 mg/mL~~		
27			~~Copper selenium oxide hydrate 1.001 g~~		
28			~~selenium/l~~		
29			~~3% APDC~~		
30			~~11 ppm titanium in sulfuric acid~~		
31			~~Titanium 1 mg/mL~~		
32			~~3.3 ppm Cadmium and 6.7 ppm cadmium and~~		
33			~~beryllium 10 mg/mL~~		
34			~~Strontium (II) ion 10 mg/mL~~		
35			~~1 g/L Nickel~~		
36			~~Saturated ammonium carbonate~~		
37			~~Carbamic acid~~		
38			~~$Na_4P_2O_2.10H_2O$ 200 g/L~~		
39		~~4 L~~	~~1N Sodium hydroxide solution~~		
40		~~1 pt~~	~~Triethanolamine~~		
41		~~1 pt~~	~~Dimethyl formamide~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
	~~1 L~~	~~Piperidime~~		
	~~2 L~~	~~Diisobutyl phthalate~~		
	~~1 L~~	~~Biofluor~~		
	~~1 L~~	~~10% T10A~~		
	~~1 pt~~	~~1/1 by volume ethoxyethanol - ethanol~~		
	~~1 pt~~	~~Anisole~~		
	~~1 L~~	~~2-Ethyl hexylamine~~		
	~~1 pt~~	~~p-Cymene~~		
	~~1 pt~~	~~Ethylene glycol~~		
	~~1 pt~~	~~Benzonitrile~~		
~~12-29-80~~	~~1 pt~~	~~Chlorobenzene~~		
~~(cont)~~	~~1 pt~~	~~Monobromobenzene~~		
	~~1 gal~~	~~Aropol WEP 666P*~~		
	~~1 gal~~	~~Ready-Solv solution VI~~		
	~~5 L~~	~~p-Dioxane~~		
	~~1 pt~~	~~Hyamine hydroxide~~		
	~~1 pt~~	~~Aquosol~~		
	~~1 gal~~	~~Unknown~~		
	~~1 gal~~	~~Unknown~~		
	~~1 gal~~	~~Oil~~		
	~~1 pt~~	~~Formaldehyde solution~~		
01-02-81	15 gal (90 lb)	Dioctyl phthalate on vermiculite	P81-001	R
01-02-81	20 gal (120 lb)	Monoplex DOS, dioctyl sebacate		R
~~01-02-81~~	~~90 lb~~	~~Dioctyl phthalate absorbed with vermiculite~~		
~~01-02-81~~	~~120 lb~~	~~Dioctyl sebacate in vermiculite~~		
~~01-06-81~~	~~4 lb~~	~~Ethyl ether~~		(4)
	~~2 pt~~	~~Toluene~~		
	~~12 gal~~	~~Tetrahydrofuran mixture~~		
	~~4 kg~~	~~Tetrahydrofuran~~		
~~02-0 -81~~	~~1 gal (10 lb)~~	~~DTPA in water absorbed on vermiculite~~		
~~02-11-81~~	~~1 gal (10 lb)~~	~~Nitrilotriacetic acid in water on vermiculite~~		
02-11-81	1 gal (4 lb)	1AX solvent NPH/tributyl phosphate on vermiculite	P81-009	D
02-11-81	2 gal (10 lb)	Used transformer oil on vermiculite		D

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	02-11-81	1 gal	Polyethylene glycol		R
2	~~02-11-81~~	~~4 lb~~	~~NPH/tributyl phosphate in~~		
3			~~vermiculite~~		
4	02-11-81	10 lb	DTPA in water in vermiculite		U
5	02-11-81	10 lb	Nitrilotriacetic acid in		R
6			water in vermiculite		
7					
8	~~02-16-81~~	~~1 L~~	~~10 ppm beryllium liquid~~		(4)
9					
10	02-25-81	1 L	Oil	P81-016	U
11		500 mL	TTA, tributyl phosphate		R
12	~~02-25-81~~	~~2.5 L~~	~~Methylene chloride~~		
13			~~Tetrahydrofuran~~		
14			~~Xylenes~~		
15			~~Chloroform hexane~~		
16	02-25-81	2.5 L	Mixture of Methylene chloride, Tetrahydro-		R
17			furan, Xylenes, Chloroform and Hexane		
18					
19	~~03-05-81~~	~~1 lb~~	~~Potassium chloride solution~~		(4)
20		~~1 pt~~	~~Dimethyl amino benzaldehyde solution~~		
21		~~0.5 pt~~	~~Hexone~~		
22					
23	03-05-81	3 lb	Dibenzoyl peroxide	P81-019	R
24		125 lb	Dioctyl sebacate with vermiculite		R
25		~~500 mL~~	~~TTA and tributyl phosphate mixtures~~		
26		~~2500 mL~~	~~Mixture.~~		
27			~~Methylene chloride, Tetrahydrofuran,~~		
28			~~Xylene's, Chloroform, Hexane~~		
29					
30	03-12-81	12.5 gal	Monoplex* DOS dioctyle	P81-020	R
31		(125 lb)	sebacate		
32					
33	03-16-81	4 lb	Potassium dichromate	P81-021	R
34		24 pt	Methyl alcohol		R
35		0.5 lb	Silver nitrate		R
36		0.25 lb	Ferrous sulfate		U
37		1 lb	Iodine		R
38		2 lb	Potassium iodate		U
39		250 g	Dimethylamine benzaldehyde		R
40		2 lb	Sodium metavanadate		U
41		1 lb	Aluminum metal		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		75 g	Resorcinol		R
2		1.5 lb	Sodium hydroxide (pellets)		R
3		40 lb	Sodium hydroxide		R
4		70 lb	Flake caustic soda		R
5		1 lb	Potassium chloride saturate with silver chloride		R
6					
7	03-16-81	0.5 pt	p-Dimethylamine benzaldehyde		U
8	(cont)	0.5 pt	Hexone		R
9		400 g	Hydrazine dihydrochloride		U
10		1 lb	Aluminum nitrate		R
11		1 lb	Potassium permanganate		R
12		1.25 lb	Sodium sulfate		U
13		2 lb	Sodium thiosulfate		U
14		2 oz	Cerium nitrate		U
15		2 oz	Sulfamic acid		R
16		0.25 lb	Strontium nitrate		R
17		0.5 lb	Sodium acetate		R
18		3 lb	Boric acid		R
19		1 lb	Sodium chloride		R
20		4 lb	Sodium sulfite		U
21		5 lb	Calcium chloride		R
22		250 lb	Boric acid		R
23		560 lb	Orocol*		U
24					
25	~~04-01-81~~	~~350 lb~~	~~Alkaline metal cleaner~~		
26		~~1 pt~~	~~pH 7 butter solution~~		
27	04-01-81	350 lb	Alkaline metal cleaner	P81-022	U
28		22 lb	Sodium hydroxide		R
29		6 lb	Sodium hydroxide pellets		R
30		4 lb	Sodium nitrite		R
31		9 lb	Sulfuric acid		R
32					
33	~~04-15-81~~	~~105 lb~~	~~Cupric sulfate~~		
34		~~7 lb~~	~~Chromium nitrate~~		
35		~~14 lb~~	~~Potassium sulfide~~		
36		~~8 lb~~	~~Sodium acetate~~		
37		~~10 lb~~	~~Sodium nitrate~~		
38		~~1 lb~~	~~Ammonium nitrate~~		
39		~~1 lb~~	~~Potassium fluoride~~		
40		~~12 oz~~	~~Sodium peroxide~~		
41		~~2 qt~~	~~Hydrazine (64% in water)~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		~~1 L~~	~~Acetaldehyde~~		
2		~~1 pt~~	~~Perchloric acid~~		
3		~~1 pt~~	~~Methyl iodide~~		
4		~~1 kg~~	~~Chlorosulfamic acid~~		
5	04-16-81	1 L	Acetaldehyde	P81-029	R
6		45 lb	Cupric sulfate		R
7		7 lb	Chromium nitrate		R
8		8 lb	Sodium acetate		R
9		10 lb	Sodium nitrate		R
10		1 lb	Ammonium nitrate		R
11		1 lb	Potassium fluoride		R
12		1 lb	Sodium peroxide		R
13		~~1 lb~~	~~Potassium fluoride~~		
14		~~12 oz~~	~~Sodium peroxide~~		
15		2 qt	Hydrazine (65% in water)		R
16		~~1 L~~	~~Acetaldehyde~~		
17		1 pt	Perchloric acid		R
18		1 pt	Methyl iodide		U
19		1 kg	Chlorosulfamic acid		U
20					
21	04-21-81	240 lb	Dioctyl sebacate with	P81-030	R
22			vermiculite		
23		~~40 gal~~	~~Monoplex DOS dioctyl sebacate~~		
24		~~(240 lb)~~			
25					
26	07-09-81	1 pt	Hydrogen peroxide	P81-046	R
27		few drops	Chlorotrimethylsilane		R
28		4 oz	Unknown		U
29		500 mL	Unknown		U
30		~~50 mL~~	~~Unknown~~		
31		100 mL	Hydrofluoric acid		R
32		1 pt	Ethyl acetoacetate		U
33		1 qt	Methyl silane (leaking bottle)		U
34		100 mL	Ultrex nitric acid		R
35		1 L	Sulfuric acid		R
36		250 mL	Formalin		R
37		500-1000 mL	Perchloric acid		R
38		700 mL & 1 pt	Sodium hypochlorite		R
39		300 mL	Hydrochloric acid		R
40		~~150 mL~~	~~Hydriodic acid~~		
41		150 mL	Hydrofluoric acid		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		500 mL	Hydriodic acid		R
2		400 mL	Sulfuric acid		R
3		2 pt	Trichloroethylene		R
4		0.75 gal	Ethyl ether		R
5		5 pt	Ethylene glycol		R
6		0.5 pt	Chloroform		R
7	07-09-81	1 gal	Methylformamide		R
8	(cont)	1 pt	Benzene		R
9		8 lb	Ammonium fluoride		R
10		6 lb	Ammonium oxalate		R
11		7 lb	Magnesium chloride		R
12		~~45 gal~~	~~Benzyl-para-aminophenol~~		
13		~~1,200 mLs~~	~~Mercury~~		
14		~~250 mL~~	~~Formalydehyde~~		
15		500 mL	Iodine solution		R
16		~~250 mL~~	~~Formalin~~		
17		~~0.5 pt~~	~~Iodine solution~~		
18					
19	~~07-16-81~~	~~8 kg~~	~~Beryllium-liquid-10 ppm~~		
20	07-16-81	8 drums, 55 gal	Empty with 1 liter residue	P81-048	R
21			of Beryllium-liquid-10 ppm		
22					
23	06-08-81	142 g	Beryllium	P81-041	R
24		1200 mL	Mercury		R
25		30 gal	Solvent refined coal		U
26		~~45 gal~~	~~Benzalphapyrene~~		
27		45 gal	Benzo-a-pyrene		R
28	~~07-21-81~~	~~2,772 lb total~~	~~Reacted lithium & sodium products~~		
29	07-27-81	2,772 lb total	Reacted lithium & sodium	P81-052	U
30			products		
31					
32	~~08-13-81~~	~~30 g~~	~~Mercuric nitrate~~		
33		~~1 L~~	~~Molybdate reagent~~		
34		~~0.75 L~~	~~Phosphorous acid~~		
35		~~0.75 L~~	~~Phosphorous acid~~		
36		~~0.5 L~~	~~Phorphorous trichloride~~		
37		~~0.75 L~~	~~Ethone N. enplate solution~~		
38			~~(electroless plating)~~		
39		~~1 L~~	~~Ethone NL-62 enplate solution~~		
40			~~(electroless plating)~~		
41		~~1 L~~	~~NA hypobromite solution~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	08-13-81	0.66 lb	Molybdic acid	P81-055	U
2		1 lb	Barium hydroxide		R
3		70 g	Cadmium nitrate (hydrate)		R
4		0.33 lb	Cadmium chloride		R
5		45 g	Cerium nitrate (hydrate)		U
6		0.33 lb	Chromium chloride		R
7		40 g	Chromium oxide		R
8		760 g	Cobalt nitrate (hydrate)		R
9		0.8 lb	Ammonium nitrate		R
10		1 lb	Cupric chloride (hydrate)		R
11		0.4 lb	Cupric sulfate (hydrate)		R
12	08-13-81	70 g	Cuprous oxide		U
13	(cont)	75 g	Lithium fluoride		U
14		3 lb	Lanthanium ammonium nitrate . water		U
15		0.9 lb	Magnesium sulfate		U
16		100 g	Manganese chloride		U
17		30 g	Mercuric nitrate		R
18		1 lb	Nickel acetate		U
19		75 g	Lead acetate . 3 water		R
20		0.9 lb	Lead dioxide		R
21		80 g	Acid phosphomolybdic		U
22		1 L	Molybdate reagent		U
23		0.25 lb	Phosphorus		U
24		0.75 lb	Phosphorous acid		U
25		0.75 lb	Phosphorous acid		U
26		0.75 lb	Phosphorous trichloride		R
27		0.8 lb	Ammonium hydrogen phosphate		U
28		1 lb	Potassium hydrogen phosphate		U
29		1 lb	Sodium hydrogen phosphate		U
30		1 lb	Disodium hydrogen phosphate		U
31		0.75 lb	Trisodium phosphate (tribasic)		U
32		0.66 lb	Sodium hypophosphite		U
33		0.33 lb	Potassium chloride		R
34		0.66 lb	Potassium fluoride		R
35		0.9 lb	Potassium bromate		R
36		0.2 lb	Potassium hydroxide		R
37		0.66 lb	Potassium nitrate		R
38		70 g	Potassium meta-periodate		U
39		0.75 lb	Potassium thiocyanate		R
40		1 L	Enthone NL-62		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		0.4 lb	Sodium bismuthate		U
2		1 lb	Sodium bromide		R
3		1 lb	Sodium fluoride		R
4		1 L	Sodium hypobromite solution		U
5		1 lb	Sodium iodide		R
6		1 lb	Sodium nitrite		R
7		0.75 lb	Sodium nitrate		R
8		15 g	Sodium stannate		U
9		1 lb	Sodium thiosulfate		U
10		70 g	Sodium vanadate		U
11		100 g	Selenious acid		R
12	08-13-81	35 g	Silver nitrate		R
13	(cont)	0.75 lb	Zinc metal		R
14		10 g	Thallous acetate		U
15		40 g	Stannic chloride		U
16		0.75 lb	Trichloroacetic acid		R
17		1 lb	Zinc nitrate		R
18		1 lb	Barium nitrate		R
19		0.5 lb	Oakite*		U
20		4 lb	Ammonium persulfate		R
21		0.75 lb	Ceric sulfate		R
22		1 lb	Magnesium perchlorate		U
23		0.75 lb	Manganese dioxide		R
24					
25	08-24-81	200 gal (20 lb)	Fenemine	P81-056	U
26					
27	09-17-81	19,350 lb	Solvents, oils, paint, and	P81-063	U
28		(~45 drums)	paint thinner mixed and		
29			unknown names. Material		
30			absorbed with speedy dry		
31					
32		~~1 pt~~	~~Methyl chloroform~~		
33		~~13 L~~	~~Benzene~~		
34		~~5 pt~~	~~Dye in methanol~~		
35		~~1 pt~~	~~Ether~~		
36		~~Small bottle~~	~~Chloroform~~		
37		~~200 mL~~	~~Mercury~~		
38		~~500 mL~~	~~Formaldehyde~~		
39		~~6 pt~~	~~Benzene~~		
40		~~7 pt~~	~~Benzene/chlorotrimethyl silane~~		
41		~~1 pt~~	~~p-Dioxane~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	09-17-81	1 pt	Methylchloroform	P81-064	R
2		2 gal	Potassium permanganate/sodium hydroxide		R
3		13 L	Benzene		R
4		5 pt	Dye in methanol		R
5		1 pt	Ether		R
6		1 pt	Chloroform (methyl chloroform)		R
7		Petri dish	Iodine crystals		R
8		Empty bottle	Dye grains		U
9		5 gal	Chromium-aluminum-manganese-sulfur-iron		R
10			powder		
11		3 gal	Nickel powder		R
12		200 mL	Mercury (in concrete)		R
13		500 mL	Formaldehyde		R
14		6 pt	Benzene		R
15	09-17-81	7 pt	Benzene/chlorotrimethylsilone mix		R
16	(cont)	1 pt	p-Dioxane		R
17		0.25 ft^3	Mercury batteries (in concrete)		R
18		0.5 ft^3	Mercury contaminated material (in concrete)		R
19					
20	~~09-21-81~~	~~1 metal container~~	~~Banvel* herbicide~~		
21		~~1 metal container~~	~~2-4-D Amine, dimethylamine~~		
22		~~1 metal container~~	~~Greenshield adjuvant~~		
23	09-21-81	1 drum, 55 gal	Empty - originally contained	P81-066	U
24			Banvel* herbicide		
25		11 drums, 55 gal	Empty - originally contained		R
26			2-4-D Amine, dimethylamine		
27					
28	09-26-81	12 drums, 55 gal	Empty - originally contained	P81-069	U
29			Greenshield adjuvant		
30					
31	~~09-24-81~~	~~200 lb~~	~~Peremire~~		(4)
32					
33					
34	10-22-81	1 55 gal drum	Solvent refined cool (clean	P81-077	U
35		(350 lb)	up from chemical spill)		
36			heavy fraction		
37					
38	10-22-81	0.25 lb	Silver chloride	P81-078	R
39		0.25 lb	Chromic oxide		R
40		1 lb	Potassium cyanide (P098)		R
41		0.25 lb	Sodium arsenate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Mercury chloride		R
2		1 lb	Sodium perchlorate		R
3		1 lb	Arsenic oxide (PO12)		R
4		1 lb	Barium perchlorate		R
5		0.25 lb	Thallous formate		U
6		2 lb	Nickel chloride		R
7		1 lb	Mercuric chloride		R
8					
9	11-16-81	4 gal	Nitric acid	P81-080	R
10		5 L	Lead nitrate		R
11		1 qt	Benzene		R
12		~~8 gal~~	~~Dioxone & water~~		
13		8 gal	Dioxane & water		R
14		0.5 gal	Misc. unlabeled reagents		U
15		0.5 pt	Benzene		R
16	~~11-23-81~~	~~0.5 pt~~	~~Benzene~~		
17		~~500 mL~~	~~Hexane~~		
18		~~8 gal~~	~~Dioxane mixture~~		
19		~~5 gal~~	~~40% nitric acid~~		
20		~~1 L~~	~~72% perchloric acid~~		
21					
22	12-17-81	4 lb	Ethyl ether	P81-089	R
23		2 pt	Toluene		R
24		12 gal	Tetrahydrofuran with pump oil		R
25		4 kg	Tetrahydrofuran		R
26		10 gal	Wood tar derivatives		U
27	12-17-81	~~10 gal~~	~~Wood for derivatives~~		
28	(cont)	10 lb	Sodium sulfite		R
29		7 gal	Union fluid LO500		U
30		1 pt	Perchloric acid		R
31		5 gal	Pump oil		U
32		1 pt	Xylene		R
33		2 lb	Sodium Hydroxide		R
34					
35	~~12-23-81~~	~~1 55 gal drum~~	~~Dioctyl sebacate with vermiculite~~		
36		~~40 gal (150 lb)~~	~~Dioctyl sebacate with vermiculite~~		
37	11-24-81	40 gal (150 lb)	Dioctyl sebacate	P81-081	R
38			(Monoplex DOS)		
39					
40	11-24-81	20 gal (120 lb)	Dioctyl sebacate (DOS)	P81-082	R
41			Monoplex DOS plasticizer		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
01-07-82	4 pkg	Wycillin suspension	P82-001	U
	1 bottle	APC compound		R
01-12-82	80 L	Iron (II) nitrate liquid	P82-004	R
	~~24 lb ea.~~			
	~~272 lb~~	~~Ferric nitrate~~		
	~~1 pkg~~	~~APC compound~~		
~~01-25-82~~	~~6 g~~	~~Bisdihydroxy phosphinyl~~		(4)
	~~10 g~~	~~Glyoxal-bis-(2-hydroxyanil)~~		
	~~6 g~~	~~Eric Chrome* blue black R~~		
	~~5 g~~	~~Acid alizarin black~~		
	~~15 g~~	~~Eriochromschwarz T~~		
02-03-82	4 gal (36 lb)	CALC1-Solve	P82-008	U
02-03-82	5 gal (35 lb)	Perchloroethylene	P82-009	R
02-03-82	1 gal (9 lb)	H_2SO_4 liq	P82-011	R
	1 gal (8 lb)	Unknown liquid		U
	0.66 gal (5 lb)	Ferric chloride etch solution		R
	0.5 gal (3.5 lb)	Nitric acid		R
02-03-82	55 gal	50/50 35% hydrazine in sorbed absorbent	P82-010	R
02-12-82	400 lb	Kodak* rapid fixer and hardner (contains sulfuric acid) and liquid developer (potassium hydroxide solution) that has been absorbed.	P82-012	R
~~02-12-82 (cont)~~	~~0.5 gal (3.5 lb)~~	~~Nitric acid~~		(4)
03-09-82	225 g	Ferrous sulfide	P82-014	U
	0.75 lb	Lead nitrate		R
	1 lb	Ferrous sulfate		U
	0.5 lb	Magnesium sulfate		U
	1 lb	Mercuric oxide		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		2 oz	Mercuric chloride		R
2		0.75 lb	Magnesium chloride		R
3		1 lb	Mercurous chloride		R
4		1 lb	Lead oxide (low silver)		R
5		75 g	T-O-Folylazo-o-toliudine		U
6		5 g	L-trypotophane		U
7		1 lb	Trypticase soy agar		U
8		0.75 lb	Lead acetate		R
9		0.25 lb	Zinc oxide		R
10		100 g	Special vanadium oxytrichbride corrosive		U
11			material		
12		8 lb & 1 pt	Sodium sulfite		U
13		1 lb	Diphenylamine		U
14		unknown	Desoxycholic acid		U
15		0.7 lb	Ethylenediamine, tetraacetic acid		U
16		0.13 lb	Magnesium carbonate		U
17		0.6 lb	Sodium dichromate		R
18		0.6 lb	Sodium dichromate		R
19		unknown	Iodine		R
20		200 g	Triethanolamine		R
21		0.5 lb	Sodium salicylate		U
22		0.5 lb	Sodium dichromate		R
23		0.7 lb	Resorcinol		R
24		1 lb	Sodium fluoride		R
25		1 lb	Sodium bromate crystal		R
26		2 oz	Sodium iodide		R
27		0.25 lb	Sodium oxalate		U
28		1 lb	Sodium fluoride		R
29	03-09-82	0.75 lb	Sodium sulfite		U
30	(cont)	10 g	Sodium sulfite		U
31		30 g	Potassium oxalate		U
32		12 oz	Potassium permanganate		R
33		12 oz	Potassium permanganate		R
34		2 oz	Sand sea		U
35		0.14 lb	Potassium citrate		U
36		~~2 lb~~	~~Potassium permanganate~~		
37		12 oz	Potassium chromate		R
38		1 lb	Potassium pyrosulfate		R
39		2 oz	Potassium periodate		U
40		12 oz	Potassium iodate		U
41		1 lb	Attasol		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		25 g	Anion exch. FLOC DE 50		U
2		25 g	Anion exch. FLOC AE 50		U
3		15 g	Cation exch. CM 70, powder		U
4		250 g	Maleic acid (pellet)		U
5		475 g	Isopentylacetate		U
6		0.25 lb	Hexadecyltrimethylammonium bromide		U
7		75 g	Isoelectric casein		U
8		500 g	Maleic anhydride		U
9		60 g	Isoelectric casein		U
10		100 g	n-Methylglucamine		U
11		90 g	Glycerophosphate sodium 5-1/2 water		U
12		100 g	Iodacetamide		U
13		8 g	l-Inositoc		U
14		3.5 oz	Methyl-salicylaete		U
15		70 g	Hood mercaptoacetic acid		U
16		100 g	2-Mercaptoethane		U
17		25 g	n-n-Methylenebisacrylamide		U
18		108 g	Ethyl chloride		U
19		15 g	n-n-Methylenebisacryilamide		U
20		25 g	Hexamethyldisilane reagent		U
21		15 g	DL-Disodium glycerophosphate		U
22		4 g	Sodium glycerophosphate		U
23		95 g	Hydrazine sulfate		R
24	03-09-82	50 g	Glucuronolacetone		U
25	(cont)	450 g	Diphenylamine hydrobromide		U
26		90 g	Disodium salt		U
27		90 g	Butylated hydroxytoluene		U
28		0.8 k	Chloramine-T		U
29		~~0.25 lb~~	~~Ascarite~~		
30		0.50 lb	Ascarite		R
31		0.4 g	1-(-1-cystin)		U
32		40 g	Bromphenylhydrazine hydrochloride		U
33		6 g	Anthydrol		U
34		90 g	Cholinchloride		U
35		75 g	p-Dimethamino-benzaldehyde		U
36		100 g	p-Nitroaniline		R
37		12 oz	Nordihydroguaiaretic acid		U
38		12 oz	Oxyethylated-tert-octyl-phenol		U
39			formaldehyde polymer		
40		100 g	Phosphatidylethanotamine		U
41		113 g	(Hood) picric acid		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		44 g	(Hood) potassium cyanide		R
2		18 g	Orcinol		U
3		50 g	(Hood) picric acid		R
4		25 g	4-Nitroquinolin N-oxide		U
5		~~0.25 lb~~	~~Pyridine~~		
6		0.50 lb	Pyridine		R
7		430 g	Oxalic acid		R
8		450 g	Propionic acid		U
9		15 gm	Picryl sulfonic		U
10		0.66 lb	Phosphorus tungsten acid		U
11		0.33 g	DL-norcuecine		U
12		0.5 g	l-Proline		U
13		5 g	Propylthiouracil		U
14		4 g	DL-alanin-methyester-dihydro-chloride		U
15		4 g	Alloxan		U
16		~~g~~	~~Ammopyrine~~		
17		unknown	Ammopyrine		U
18		~~g~~	~~1-Amino-2-naphthol-4-sulfur~~		
19		unknown	1-Amino-2-naphthol-4-sulfur		U
20		1 lb	Ammonium persulfate		R
21		1 L	Ammonium thiocyanate		R
22		0.75 lb	Arsenic trioxide		R
23		0.13 lb	Barium acetate		R
24		1 lb	Barium hydroxide		R
25		0.75 lb	Barium hydroxide		R
26		0.5 lb	Barium hydroxide		R
27		1 lb	Barium chloride		R
28		10 g	Benzidine clare		U
29	03-09-82	14 oz	Chromium trioxide		R
30	(cont)	8 oz	Calcium carbonate		U
31		8 oz	Calcium hydroxide		R
32		12 oz	Chromium trioxide		R
33		10 oz	Chromium trioxide		R
34		0.13 lb	Cadmium chloride anhydrous		R
35		2 oz	Cupric oxide		U
36		0.13 lb	Calcium chloride		R
37		2.5 oz	Cupric carbonate		U
38		12 oz	Calcium chloride		R
39		2 oz	Calcium chloride		R
40		2 oz	Calcium chloride		R
41		1 L	1N sulfuric acid		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		0.1 L	1/10N NA4SCN		U
2		1 pt	2-Nessler's solution		U
3		500 mL	2 folin and ciocalteus phenal reagent		U
4		100 mL	Polyoxerelene sorbitan mono-oleate		U
5		100 mL	Solvene-350		U
6		500 mL	2 protosol		U
7		50 mL each	Trizmal buffer 10 (bottles)		U
8		100 g	Acetaldehyde		R
9		1 qt	Ethylene glycol monomethyl ether		R
10		1 L	Kodak rapid fix solution		U
11		0.75 lb	Phosphorous trichloride		R
12		0.5 lb	Glycerine		R
13		0.75 lb	Ethyl acetate		R
14		100 mL	X-100		U
15		50 mL	5% polystyrene in benzene		R
16		0.75 lb	Hydriodic acid		R
17		~~1 mL~~	~~Beckman filter solvent~~		
18		unknown	Beckman filter sovlent		U
19		90 g	Sebacyl chloride		U
20		3.5 oz	Contrad 70		U
21		1 pt	Aerosol OT cleaner		U
22		.75 pt	Collodion		U
23		10 vials,	Di-sil-prep		U
24		1 mL each			
25		2 lb	Triphenyltetrazolium chloride 2		U
26			ferrous sulfate solution		
27		3 oz	Methyl salicylate		U
28		27 mL	U-DTPA 32 mg/mL		U
29	03-09-82	2 bottles,	Electrolyte		U
30	(cont)	420 mL each			
31		175 gm	10% DTPA		U
32		20 mL	Tris-tetra methylene-phosphoric-triamide		U
33		~~0.1 mmol~~	~~manganese sodium DTPA~~		
34		unknown	manganese sodium, DTPA 0.1 mmol		U
35		25 mL	Foto-flo*		U
36		unknown	Fluoro surfactant		U
37		4 vials,	Grobax* - sodium polyanethol		U
38		10 mL each	sulfonate 5%		
39		10 mL	Hydrogen-gold DTPA		U
40		10 cc ampule	Calcium gluconate - glucoheptonate		U
41		9 ampules,	Calcium gluconate - gluceptate		U
42		10 mL each			

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		50 g	d-Limonene		U
2		6 vials,	Madribon 10% (sulfur)*		U
3		5 cc each			
4		0.5 lb	Phosphorus trichloride		U
5		8 oz	Acrylamide		R
6		0.5 lb	Aluminum potassium sulfate crystal		U
7		75 gm	Agarose		U
8		0.75 lb	Ammonium sulfate granular		R
9		0.5 lb	Amberlite IRC-50		U
10		~~0.25 lb~~	~~2-bromoethylamine-ltycrobromide~~		
11		0.25 lb	2-Bromoethylamine Hydrobromide		U
12		8 oz	Boiling chips micro-porous		U
13		0.25 lb	Ferric ammonium sulfate crystal		R
14		0.25 lb	Fluorescein sodium salt		U
15		0.13 lb	Hydrazine sulfate		R
16		1 lb	Hydrazine sulfate		R
17		0.25 lb	Lead nitrate crystal		R
18		0.25 lb	Trichloroacetic acid crystals		R
19		0.25 lb	Potassium citrate crystal		U
20		~~2 oz~~	~~Merculic chloride crystal~~		
21		2 oz	Mercuric chloride crystal		R
22		0.13 lb	Potassium bromate		R
23		4 oz	Potassium biphthalate		U
24		4 oz	Sequlene		U
25		0.75 lb	Resorcinol crystals		R
26		1 lb	Trishydroxymethylamine (TRIs) methane		U
27		1 lb	Zeokarb H*		U
28		~~100 gm~~	~~An 9~~		
29		100 g	Zinc Oxide		R
30	03-09-82	~~1 lb~~	~~ZiO Cl~~		
31	(cont)	1 lb	ZiO Cl		U
32		3 oz	Acid tungsten powder		U
33		~~0.25 lb~~	~~Sodium pyrophosphate~~		
34		0.5 lb	Sodium pyrophosphate		U
35		0.25 lb	Sodium phosphate dibasic crystal		R
36		0.5 lb	Sodium acetate		R
37		~~0.5 lb~~	~~Hydroxylamine hydrochloride crystals~~		
38		1.0 lb	Hydroxylamine hydrochloride crystals		R
39		2 oz	Iodine crystals (resublimed)		R
40		1 lb	Sodium diethyldithiocarbonate		U
41		10 gm	1-Lysine ethyl ester dihydro-chloride		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		10 gm	S-carboxyethyl-l-cysteine		U
2		10 gm	S-carboxyethyl-l-cysteine		U
3		10 g	S-carboxyethyl-l-cysteine		U
4		10 g	S-carboxyethyl-l-cysteine		U
5		0.25 lb	Cesium chloride		R
6		5 vials	Methyl bis/b-chlorethyl		U
7		1 jar	Calcium sodium		U
8		1 jar	Calcium DTPA		U
9		0.25 lb	Methyl metharylale		U
10		0.13 lb	Sodium hydrogen ethylenediaminetetra-acetic		U
11			acid		
12		90 g	Chelidamic acid monohydrate		U
13		45 g	Sodium taurochelate		U
14		90 g	Sodium DTDA		U
15		90 g	l-Ethylenedinitriloldi-o-cred		U
16		45 g	n,n-Dicyclohexylcarbodiimide		U
17		1 g	2,4,6-Triethyleneamino triazin		U
18		25 g	Salicylhydroxyamic acid		U
19		25 g	Aces		U
20		125 g	DTPA		U
21		90 g	Triethylene tetraamine tetrachloride		U
22		50 g	Thielated gelatin		U
23		10 oz	Isocinchomeronic acid		U
24		8 oz	Microporous boiling chips		U
25		25 g	2 Thiophenecarboxylic acid		U
26		~~oz~~	~~Cit-A 1 water~~		
27		unknown	Cit-A 1 water		U
28		~~oz~~	~~DTPA acid~~		
29		unknown	DTPA acid		U
30		20 g	2-3 dimethoxybenzoic		U
31		~~g~~	~~Zirconium DTPA~~		
32		unknown	Zirconium DTPA		U
33		~~g~~	~~Zinc hydrogen DTPA~~		
34		unknown	Zinc hydrogen DTPA		U
35		0.25 lb	Sulfur compound		U
36		45 g	Palmitic acid		U
37	03-09-82	5 g	PDT disulfonate		U
38	(cont)	2 g	Phthaleincomplexore		U
39		10 g	Phloridzin		U
40		~~oz~~	~~5-amino-3-sulphosalicylic-acid~~		
41		unknown	5-amino-3-sulphosalicylic-acid		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		5 g	Thymine-5-methyluracil		U
2		~~g~~	~~Sodium polystyrenesulfonate~~		
3		unknown	Sodium polystyrenesulfonate		U
4		100 g	Sodium chelate MA		U
5		50 g	Eriochromschwarz +		U
6		60 g	Brenzkatechin		U
7		50 g	Ethyl glycine		U
8		unknown	623 dimethyloxybenzoil		U
9		430 g	Procaine hydrochloride		U
10		90 g	Proplygaliate		U
11		100 g	Polyvinyl pyrrolidone aiceut		U
12		14 oz	Pyromellitic acid		U
13		75 g	2,5 Diphenyloxazole		U
14		90 g	MPTT K+		U
15		50 g	Polyvinyl pyrrolidone		U
16		90 g	Sodium desoxycholate		U
17		~~1 kg~~	~~Poly-oxyethejiene-23-lavrylether~~		
18		1 kg	Poly-oxyethylene-2,3-laurylether		U
19		14 oz	Hydroquinone		R
20		12 oz	Sorbitan monolavrate		U
21		50 g	Fat black (microscope)		U
22		450 g	Hexamethyenetetramine		U
23		100 g	Dimethydithiacarbamic acid sodium		U
24			salt dihydrate		
25		100 g	Dextran		U
26		~~14 lb~~	~~Calcium phytate~~		
27		0.25 lb	calcium phytate		R
28		90 g	5 Sulfosalicylic acid		U
29		25 g	n-Acytyl-di-penicillamine		U
30		4 g	Neutral red		U
31		8 oz	Gelatin powder		U
32		100 g	5B Cholanic acid 3, 7, 12 tricue		U
33		75 g	Acridine orange		U
34		20 g	POPOP		U
35		90 g	Ethylenedinitrilo tetraacetic acid epsom salt		U
36		100 g	Pl Dimethylamino		U
37		75 g	4,4-diamino-2,2-biphenyl-disulfate acid		U
38		100 g	Sodium glocuranate		U
39		~~100 g~~	~~N,N-Ethylennis (forraini de)~~		
40		100 g	N,N-Ethylennis (formamide)		U
41		unknown	Acridine orange		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1	03-09-82	4 g	Gramine		U
2	(cont)	10 g	Aurnic acid natural		U
3		~~25 g~~	~~2,6 dicarbonypyridine-n-oside~~		
4		25 g	2,6-dicarboxypyridine-n-oxide		U
5		5 g	Butyl alcohol		R
6		~~oz~~	~~Chel. 300 acid~~		
7		unknown	Chel. 300 acid		U
8		~~oz~~	~~Cyclohexamine-N,N,N,N,L-tetraficetic acid~~		
9		unknown	Cyclohexamine-N,N,N,N,L-tetraficetic acid		U
10		48 g	8 ace + oxyquinoline		U
11		9 g	Dithizone		U
12		20 g	Alizarin reds		U
13		10 g	Ammonium rhodanilate		U
14		90 g	25 Dimercapto-1,3,4-thiadiazole		U
15		0.25 oz	Calcium chloride crystal		R
16		5 g	Ammonium perrhenate		U
17		2 oz	Bismuth trioxide		U
18		1 g	Calcium fluoride		R
19		1 lb	Ammonium tetrasulfate cerate		U
20		~~1 g~~	~~Calcium fluoride~~		
21		~~1 lb~~	~~Ammonium tetrasulfate cerate~~		
22		~~1 g~~	~~Calcium fluoride~~		
23		~~1 lb~~	~~Ammonium tetrasulfate cerate~~		
24		1 g	Fluorescein isothiocyanate		U
25		1 g	Benzenesulfohydroxamic acid		U
26		0.25 lb	Barium permanganate		R
27		8 mL	Ferrous surfactant		U
28		5 g	Murexide		U
29		10 g	8-Mercaptopurine		U
30		4 gm	3-Hydroxyflacene		U
31		5 g	1-(2-pyridylaze) 2-naphthol		U
32			indicator grade		
33		10 g	f-Mercaytopurine		U
34		0.25 lb	Nickle oxide powder		U
35		200 g	Calcium sulfamate		U
36		5 g	Periodic acid H5IO		U
37		1 g	Acetyl-D-phenylalanine		U
38		1 gm	1-Thyrexine sodium salt		U
39		0.75 oz	Titanium oxide anhydrous		U
40		0.75 lb	Copper-iron		U
41		0.2 lb	Potassium acid phthalate crystals		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Manganese dioxide powder		U
2		50 mg	Calcium chloride		R
3	03-09-82	1 oz	C-chloromercuriphenol		U
4	(cont)	0.25 lb	Potassium iodate granular		U
5		0.25 lb	Potassium persulfate		R
6		0.25 lb	Sodium cobalt nitrate powder		U
7		2 oz	Lead sulfide powder		R
8		1 lb	Zinc metal granular		R
9		0.25 lb	Lead Nitrate crystal		R
10		4 oz	Sodium cyanide granular		R
11		20 g	Stannic oxide		U
12		0.25 lb	Sodium permanganate		U
13		0.25 lb	Cesium chloride		R
14		5 g	1-Threchin-methylester		U
15		0.25 lb	Acid tungsten		U
16		10 g	Dextran		U
17		10 g	Vitastain		U
18		~~1 g~~	~~DL-O-tyucsinc~~		
19		1 g	DL-O-tyrosine		U
20		1 g	DL-C-phosphosenine		U
21		1 g	Hydrocortisone alcohol		U
22		1 g	Palmitic acid		U
23		5 g	Phenol red		U
24		5 g	Alizanin complexane		U
25		5 g	Phenol red		U
26		10 g	Easin Y		U
27		10 g	Calcein W		U
28		5 g	Phenol red		U
29		1 g	Fuchsin basic		U
30		4 vials,	Grobax (sodium polyanethol sulfonate 5%)		U
31		10 mL ea.			
32		90 g	Butylated hydroxyanisole pellets		U
33		2 g	Aluminum CP		U
34		21 g	Girard's P		U
35		100 g	Arsanalic acid		R
36		2 g	Isatin-3-oxime		U
37		25 g	N-acetyl-DL-penicillamine		U
38		5 g	Diphenic acid		U
39		100 g	1-Thiazolidine-4-carboxylic acid		U
40		~~50 g~~	~~2-Guanidino-4-ammonium bromide~~		
41		50 g	2-Guanidino-4-thiazolidone		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		90 g	Octyl trimethyl ammonium bromide		U
2		60 g	Buffalo black NBR		U
3		~~mL~~	~~1-Dyenkolic acid~~		
4		unknown	1-Dyenkolic acid		U
5	03-09-82	~~mL~~	~~Glucoronolaetone~~		
6	(cont)	unknown	Glucoronolacetone		U
7		25 g	D-(-)-penicillamine		U
8		25 g	Dimethyl big vanide hydrochloric acid		U
9		20 g	Erio glaucine		U
10		12 g	Glycocyamine		U
11		20 g	EMPC		U
12		5 g	Dithioerythritol		U
13		5 g	Dihydro-ketoquinoxaline carboxylic acid		U
14		10 g	Synthetic arbotin		U
15		Almost empty	Osmium tetoxide		U
16		5 g	2,6-Dihydroxy-isonicotinic acid		U
17		5 g	4,4-Bis-Dimethylamino-diphenylcarbinol		U
18		500 mg	Deferal		U
19		4 g	3,4-DL-Dihydroxyphenylalanine		U
20		25 g	Diothylstibesterol		U
21		5 g	Ethoxzolamide		U
22		5 g	Dibenzoyl-diamino ethylene		U
23		~~2 g~~	~~29-Dimethyl-1,10-pherantnrolire~~		
24		2 g	2,9-Dimethyl,1,10-phenanthroline		U
25		~~2 g~~	~~4,7-Diphenyl-1,10-phenanthraline~~		
26		unknown	4,7-Diphenyl-1,10-phenanthroline		U
27		5 g	Dihydronaphtlool naphthofurofuran		U
28		1 g	Neocuproine		U
29		10 g	2-Nitrosolnaphtlool-4-sulfuric acid		U
30		15 g	Eriochromschwarz T		U
31		5 g	Beta-alanine		U
32		9 g	Calciferol		U
33		5 g	Chondroitin sulfate		U
34		~~oz~~	~~N-(4-amino 3-carboxyphenyl sulfonyl)~~		
35		unknown	N-(4-amino 3-carboxyphenyl sulfonyl)		U
36		~~oz~~	~~Calmagite~~		
37		unknown	Calmagite		U
38		15 g	Calcein		U
39		1 oz	Benzotriazol purified		U
40		5 g	Diazine green		U
41		2 g	Pan indicator		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		25 g	Imidazole-4,5-dicarboxylic acid		U
2		25 g	Isatin		U
3		2 g	Dipotassium pentacalcium dicalcein		U
4		8 g	Sulfaethidole		U
5		~~oz~~	~~Thio-Michler's ketone~~		
6		unknown	Thio-Michler's ketone		U
7		1 oz	Pepsin		U
8		5 g	N-acetyl-DC-penicillamine		U
9		25 g	2-mercaptocihydrouracil propionic acid		U
10		10 g	Nile blue A		U
11		0.5 g	DL-proline		U
12		10 g	2-Nitrosolnaphth-4-sulfonic acid		U
13		5 g	2,4,6-Tripyridyl-S-triazine		U
14	03-09-82	5 g	DL-penicillamine		U
15	(cont)	5 g	D-penicillamine disulfide		U
16		~~5 b~~	~~2-(DL-penicillamine acetone adduct~~		
17			~~hydrachloride)~~		
18		5 g	DL-penicillamine acetone adduct		U
19			hydrochloride		
20		8 g, 10 g	2-(a,a-dicarboxy-n,n-diformyl-4-		U
21			piperazinediaianine-tetreathylester)		
22		0.25 lb	Thiazolilidine-4-carboxylic acid		U
23		0.2 g	Polyaspartic acid		U
24		5 g	Hodizonic acid, potassium salt		U
25		0.2 unknown units	dl-homocystine		U
26		5 g	D-penicillamin puriss		U
27		0.1 g	4,7-diphenyl-1, 10-phenanthroline		U
28		5 g	7-aminocephalosporanic acid		U
29		5 g	Potassium chromium sulfate		R
30		5 g	1,2,3-Triketohydrinolene		U
31		4 g	2,4,6,8-Tetrahydroxypyrimido pyrimidine (54)		U
32		1 g	Zincon*		U
33		10 g	Eri Chrome blue black		U
34		8 g	p-Nitrobenzeneazocrornal		U
35		1 g	Acetazolamide		U
36		1 g	D-serine		U
37		2 g	Enemethyl blue		U
38		1.75 g	Poly-L-glutamic acid sodium salt		U
39		~~0.5 lb~~	~~Sodium anthraquinone sulfenate~~		
40		0.5 lb	Sodium anthraquinone sulfonate		U
41		8 g	Uric acid		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		85 g	4-N-maleysulfanilamide		U
2		100 g	2-Meraptobenzothiazolylbutyric acid		U
3		50 g	5-Salicylsulfonic acid		U
4		4 g	Naphthol-beta		U
5		75 g	1-(p-sulfophhenyl)-5-pyrazdene-3 carboxylicaad		U
6		~~g~~	~~4-dimethylamino-azobarizene~~		
7		unknown	4-dimethylamino-azobenzene		U
8		0.33 lb	Hydroxylamine hydrochloride		R
9		~~0.5 lb~~	~~De-acutite anich exchanger~~		
10		0.5 lb	De-acutite anion exchanger		U
11		0.5 lb	Ferric nitrate crystals		R
12		0.5 lb	Acid citric monohydrate crystal		U
13		1 lb	Jaguar A-20-A		U
14		0.25 lb	Hydroxylamine hydrochloride		R
15		1 lb	Cupric sulfate		R
16		0.75 lb	Ferric ammonium sulfate		R
17		0.25 lb	Pyrogallol		U
18		4 oz	Phenylhydrazine hydrochloride		U
19		1 lb	Potassium phosphate monobasic		U
20	03-09-82	10 g	Siractan AF #2 (arabinogalactin)		U
21	(cont)	0.75 lb	beta-Methylumbelliferone		U
22		1 lb	Paraformaldehyde		U
23		1 lb	Potassium permanganate crystals		R
24		1 lb	Ferrous ammonium sulfate crystals		R
25		200 g	Monogram ink (black)		U
26		5 g	Guantec E-2		U
27		5 g	2-Mercaptoacetanilide		U
28		5 g	2-Mercaptoacetanilide		U
29		5 g	2-Mercaptoacetanilide		U
30		5 g	2-Mercaptoacetanilide		U
31		5 g	2-Mercaptoacetanilide		U
32		0.5 lb	Ferrous ammonium sulfate crystals		R
33		20 g	Fluroescent zinc sulfide		U
34		1 lb	Sodium fluoride powder		R
35		0.25 lb	Schooghan		U
36		100 g	2-Mercaptoacetanilide carbonate		U
37		1 lb	Potassium chloride crystals		R
38		200 g	Rexyn RG 50* (H)		U
39		0.5 lb	Magnesium perchlorate		U
40		~~1 lb~~	~~Purulic chloride~~		
41		1 lb	Cupric chloride		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		0.75 lb	Lead carbonate		R
2		0.5 lb	Sodium titanate		U
3		1 lb	Seelex-C		U
4		1 lb	Seelex-A-100		U
5		1 lb	Morclire white petroleum jelly		U
6		0.5 lb	Potassium hydroxide		R
7		1 lg	Phenol		R
8		40 g	Zinc oxide		R
9		0.25 lb	Hood potassium cyanide		R
10		1 lb	Sulfur powder		U
11		0.5 lb	Potassium thiocyanate		R
12		1 lb	Ammonium carbonate		R
13		0.25 lb	Calcium gluconate		U
14		0.75 lb	Potassium thiocyanate		R
15		15 g	2-Aminoethan-1-hydrochloride		U
16		0.25 lb	Sodium malonate water		U
17		0.13 lb	Sulfamic acid		R
18		0.25 lb	Nitroso R salt		U
19		15 g	Phloriazin		U
20		45 g	2-Mercaptoorotic acid		U
21	03-09-82	3.5 oz	Sarkosyl* N1-100		U
22	(cont)	20 g	Sudan black B		U
23		6 g	Crio glaocine		U
24		5 g	Violursavre		U
25		~~oz~~	~~Calco* oil red N-1700~~		
26		unknown	Calco* oil red N-1700		U
27		3 g	Sialic acid concentrate assay		U
28		8 oz	Calco alizarine cyanine green base		U
29		22 g	Quinacrine dihydrochloride		U
30		8 oz	Alcofast spirit yellow zirconium		U
31		40 g	Thioacetamide		R
32		8 g	Persantin active ingredient		U
33		0.2 g	Piperic acid		U
34		50 g	Insulin		U
35		10 g	4-Methylumbelliferone		U
36		10 g	Phenoxymethyl-Pencilloic acid		U
37		50 g	Luxol hydrate		U
38		1 g	2,4,6-Triamino-pyrimidine		U
39		4 g	Taurine		U
40		2 g	2-Mercaptothiazoline		U
41		10 g	Pheroxymethyl-penicilloic acid hydrate		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 oz	Thymol USP		U
2		20 g	Alloxan		U
3		15 g	Brilliant ponceau		U
4		0.5 lb	Zinc chloride		R
5		0.5 lb	Magnesium chloride		R
6		1 lb	Sodium hydroxide		R
7		0.5 lb	Sodium bicarbonate		R
8		1 lb	Potassium chloride		R
9		0.5 lb	Sodium bisulfate meta		R
10		1 lb	Sodium hydroxide		R
11		1 lb	Surfylnol 104		U
12		30 mL	Chromerce		U
13		1 lb	Calcium gluconate		U
14		0.25 lb	Potassium cyanide		R
15		1 lb	Sodium thiosulfate		U
16		1 lb	Calcium chloridecihydrate		U
17		1 lb	Sodium bicarbonate		R
18		0.5 lb	Sodium phosphate		R
19		1 lb	Potassium carbonate		R
20		0.25 lb	Cupric sulfate		R
21		0.13 lb	Potassium cyanide		R
22		0.33 lb	Sodium carbonate		R
23	03-09-82	0.75 lb	Boric acid		R
24	(cont)	0.5 lb	Ammonium acetate		R
25		1 oz	Titanium oxide anhydrous		U
26		0.75 lb	3 Zinc carbonate		U
27		0.75 lb	Ammonium thiocyanate		R
28		0.33 lb	Anhydrone		U
29		0.5 lb	Calcium powder		U
30		0.75 lb	Potassium sodium tartrate		U
31		0.5 lb	Ammonium thiocyanate		R
32		0.5 lb	Zinc oxide		R
33		1 lb	Kojic acid		U
34		25 g	Used drierite		U
35		44 lb	Car bopol 941		U
36		4.5 lb	Drierite*		U
37		unknown	Cesium hydrogen sulfate		U
38		125 mL	Hydrazine		R
39		1-100 mL boxes	Procaine penicillin G		U
40		3	Batteries AA		U
41		10 g	Spermidin		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		2	Service batteries		U
2		1	Duracell* battery		U
3		500 mg	Lecithin		U
4		100 mg	Deferrichrome		U
5		1 g	Rhodotorulic acid		U
6		50 mL	Barentrifluoride-methanol		U
7		10 g	Cyclopentadlenylthallium		U
8		unknown	Chloroacetontrile		U
9		50 g	Glutanaldehyde		U
10		50 cc	Iron-dextran injectible		U
11		15 g	Spermidin		U
12		100 g	t-Pyriclidinecarbodithicic acid		U
13			ammonium salt		
14		2.1 oz	Acufine developer		U
15		4 oz	Soluble powder-terramycin		U
16		0.33 lb	Scotchcast* electrical resin		U
17		0.67 lb	Scotchcast electrical resin		U
18		0.75 lb	Nitric acid		R
19		200 g	CH-USP cholesterol		U
20		1 lb	Bromine		R
21		500 g	Ethylchloroformate		U
22		1 pt	Ammonium sulfide solution		R
23		1 g	B(2FVRYL)-acrylic acid		U
24		1 g	Colchicine		U
25		unknown	Purified Sharkokur Collagen		U
26		unknown	Sodium carbonate anhydrous		R
27		4 lb	Trifluoroacetone		U
28		125 ml	Methanol kit		R
29	03-09-82	1 g	Ethyl-3-indole acetate		U
30	(cont)	1 g	Maleic acid hydrazide		U
31		1 g	D-Napthalen-acetamide		U
32		0.1 g	Traumatic acid		U
33		10 g	Lysozyme 3X		U
34		1 g	Carbonyl bis (L-methionine)		U
35			-nutraphenyl este		
36		1 g	Carbonyl bis (L-methionine)		U
37			-nutraphenyl este		
38		5 g each	Cleland's reagent (dithiothreitol)		U
39		2 bottles			
40		1 g	Keflin*		U
41		1 g	DL-tallo-crystathionine		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		10 g	Histamine-dihydrochloride		U
2		1 g	Lysozyme		U
3		5 g	B-aminoproplanitrile, B		U
4		50 g	Desferriaxamine B-metharesulfonate		U
5		5 g	Thiagel		U
6		5 g	Thiagel		U
7		0.25 lb	Trypticase soy agar		U
8		125 cc	LC 124 liquid crystals in petroleum		U
9			ether solution		
10		125 cc	LC 124 liquid crystals in petroleum		U
11			ether solution		
12		3 g	Desferrioxamine-B-methanesulfonate		U
13		1 g	Pourlese ecatalase 30 1 g standard 750 mg		U
14		50 g	L-a-phosphatidyl choline [L-a-lecithin]		U
15		25 g	Lecithin egg (highly purified)		U
16		25 g	Lecithin egg (highly purified)		U
17		250 mL	Toluene spent		R
18		unknown	Globulin (sigma)		U
19		100 g	Dizalmitin (1,2,41,3 mixture of isomers)		U
20			(Sigma)		
21		2 vials ea.	Rebonuclease-A from bovinepancreas		U
22		0.1 g solid			
23		0.25 mg	Phosphatidyl ethanolamine		U
24		500 mg	BIS-DHB-1, 3-propane diamine		U
25		500 mg	DIS-DHB-ethyenediamine		U
26		25 mg	TS-6		U
27		500 mg	DIS-DHB putrescline		U
28		500 mg	BIS-DHB octanedamive		U
29		4 vials	Cytochrome-C from horse heart		U
30		100 mg ea.			
31	03-09-82	4 vials	Cytochrome-C from horse heart		U
32	(cont)	100 mg ea.			
33		500 mg	Cytochrome-C from horse heart		U
34		100 mg	Cytochrome-C, type 11-A, horse H		U
35		100 mg	Cytochrome-C, type 11-A, horse H		U
36		0.1 g	Methyl palmitoleate		U
37		~~3 vials, 1 g ea.~~	~~DL-isocitric lactone~~		
38		~~25 g~~	~~Tributyrin~~		
39		~~5 mL~~	~~Transaminase chem. control sch.~~		
40		~~3 vials, 1 g ea.~~	~~N,N-Bis-(2-carboximidoethyl)~~		
41			~~tantarmide dimethyl estea~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1			~~dihydlicchloride~~		
2		~~10 mg~~	~~Hemoglobin standard~~		
3		2 vials, 1 g ea.	Pepsin 3X cyst (parcine stomach mucous)		
4		1 g	Pepsin		U
5		2 vials	Gangliosides		U
6		25 mg ea.			
7		25 mg	N-acetyl neuraminic acid		U
8		2.5 mL	Lactic dehydrogenase enzyme		U
9		2 vials, 5 mL	N-4-nitrobenzo-Z-iva 1,3 diazide		U
10		(3 ug/mL)	phosphetidyl ethanolamine		U
11		1 g	Pepsin crystallizer		U
12		100 mg	Cholesteryl oleate		U
13		1 g	4-fluoro-3-nitro-phenylazide		U
14		1 g	O-phenyl		U
15		500 mg	Peroxidase		U
16		~~mg~~	~~Cyto-C~~		
17		unknown	Cyto-C		U
18		2 vials	Cytidine-5-diphospho choline		U
19		0.1 g ea.			
20		500 mg	Cytochrome-C, type III		U
21		~~<1 kg~~	~~NEC-084H sodium acetuate-1-C (1 mCi C^{14})~~		
22		<1 kg	NEC-084H sodium acetate-1-C (1 mCi C^{14})		U
23		10 caps	Fast blue RR salt		U
24		25 mg ea.			
25		5 g	2-acetamido-2-deoxy-1,2,3,4-		U
26			tetra--acetyl-b-diglueopyrabose		U
27		0.1 g	Methyl palmitoleate		U
28		3 vials, 1 g ea.	DL-isocitric lactone		U
29		25 g	Tributyrin		U
30		5 mL	Transaminase chem control sch.		U
31		3 vials, 1 g ea.	N,N-Bis-(2-carboximidoethyl)		U
32			tantarmide dimethyl estea		
33			dihydlicchloride		
34	03-09-82	~~10 mg~~	~~Hemoglobin standard~~		
35	(cont)	6 g	Bisdihydroxy phosphinyl		U
36		10 g	Glyoxal bis(2 hydroxyanil)		U
37		6 g	Eriochrome blue black		U
38		15 gs	Spermidine		U
39		0.2 lb	Emralon 317		U
40		1.4 lb	B emralon 315		U
41		1.0 lb	A emralon 315		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		32 oz	emralon 323		U
2		19 oz	Emralon 300		U
3		0.65 lb	Emralon 310		U
4		0.5 gal	Adhaesium mechine moontain		U
5		unknown	Magnetic head cleaner		U
6		100 g	Vanadium oxytrichloride		U
7		12 vials (5 ml ea.)	Phytohemagglutinin M		U
8					
9					
10	~~03-11-82~~	~~185 g powder~~	~~Nalco 66-B-619-5~~		
11		~~5 gal liquid~~	~~H-230 calgon biocide~~		
12		~~1 gal~~	~~Pozzalon 300~~		
13		~~25 lb dry~~	~~Bromocide~~		
14		~~250 g~~	~~Sterotex-K*~~		
15		~~70 lb~~	~~TURCO 4502~~		
16		~~110 lb~~	~~TURCO 4521~~		
17		~~300 lb~~	~~Nalclean-68* scale remover~~		
18		~~45 gal~~	~~Amerzine-TM-35* catalyzed hydrazine~~		
19		~~28 gal~~	~~Hydrazine 35% sonbed~~		
20	03-11-82	5 lb	Sample #3, Project #1086	P82-015	U
21		15 lb	Sample #1, Project #1086		U
22		100 lb	Nalclean 68		U
23		30 lb	Bromicide		U
24		55 gal	Calgon CL-77		U
25		~~4 gal~~	~~Rodine* 82A acid inhibitor~~		
26		~~44 lb~~	~~Calgon D-26 deposit inhibitor~~		
27		~~38 lb~~	~~Calgon H230 water microbiocide~~		
28		~~1 gal~~	~~Betz 403~~		
29		~~2 gal~~	~~Betz 403~~		
30		~~0.5 gal~~	~~35% hydrazine~~		
31		~~1 gal~~	~~Amerzine~~		
32		~~1 qt~~	~~Malco 310(B-6126)*~~		
33		~~3 qt~~	~~Calgon CL-162~~		
34		~~1 qt~~	~~Calgon CL-246~~		
35		~~1 pt~~	~~10% methylene Bis thiocyanate~~		
36		~~0.66 pt~~	~~Nalco 7323 (B-8118)~~		
37		~~0.66 pt~~	~~Nalco 7326 (B-8251)~~		
38		~~0.66 pt~~	~~Nalco 7326 (B-8264)~~		
39		~~0.13 pt~~	~~15% Amerzine~~		
40		~~0.25 pt~~	~~Nional~~		
41		~~3 15~~	~~CL-246~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		3 qt	Cl-246		U
2		1 pt	Biosperse-201*		U
3		3 qt	CL-162		U
4		1 qt	310-B-6126		U
5		1 qt	7328 B-8251		U
6		3 qt	CL-246		U
7	03-11-82	1 pt	7323 B-8118		U
8	(cont)	1 pt	Methylene Bis thiocyanate 10%		U
9		0.5 pt	Nional		U
10		10 oz	Nalco 7324		U
11		20 mL	Cat-Floc T*		U
12		2 gal	Rodine 82-A		U
13		25 mL	Amerzine		U
14		1 gal	Pozzalon 300		U
15		5 gal	D-26 inhibitor		U
16		5 gal	H-230 biocide		R
17		4 L	Betz 403		U
18		2 gal	Rodine 82-A		U
19		40 lb	TURCO 4502		R
20		6 L	Betz 403		U
21		80 lb (est.)	TURCO 4521		R
22		30 lb (est.)	Oxalic acid		R
23		250 g	Sterotex - K		U
24		185 g	Nalco 66 B-169-5		U
25					
26	04-15-82	1 gal	Jenny Coil Cond. Compound #80	P82-023	U
27			(has hydrochloric acid)		
28					
29		~~11 pt~~	~~Lactated Ringer's solution~~		
30		~~57 pt~~	~~Donnagel suspension~~		
31	04-15-82	11 each	Lactated Ringer's solution	P82-024	U
32		57 btl	Donnagel suspension		U
33		67 tbe	Neosporin*-antibiotic		U
34		16 tbe	Cordran .05%*		U
35		7 box	Coricidin* tablets		U
36		1 btl	Gantrisin* tablet		U
37		3 btl	Medrol* tablets 4 mg		U
38		16 tbe	Neo-Cortef* ointment 5%		U
39		4 tbe	Neo-Cortef ointment 1%		U
40		8 btl	Novahistine* L.P.		U
41		1 btl	Apc Compound, tablets		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		6 tbe	Polysporin* ointment		U
2		5 ea	Ger-o-foam		U
3		12 tbe	Cordvan-N cream		U
4					
5	04-29-82	1.5 lb	Ferric chloride	P82-029	R
6		4 lb	Cesium chloride		R
7		1.5 lb	Cuprous chloride		U
8		5 lb	Sodium dithionate		R
9	04-29-82	4.25 lb	Calcium carbonate		U
10	(cont)	4.25 lb	Barium hydroxide		R
11		1 lb	Aluminum nitrate		R
12		2 lb	Barium nitrate		R
13		2 lb	Stannous chloride		R
14		1 lb	Lead acetate		R
15		2 lb	Magnesium sulfate		U
16		1 lb	Aluminum silicate		U
17		1 lb	Sodium oxalate		U
18		1 lb	Magnesium sulfate		U
19		4 oz	Cobalt nitrate		R
20		8 oz	Ammonium thiocyanate		R
21		3 lb	Hydroxylamine hydrochloride		R
22		1.25 lb	Sodium acetate		R
23		0.5 g	Potassium chromate		R
24		2 lb	Lithium hydrochloride		U
25		1.5 oz	Mercuric nitrate		R
26		1 lb	Potassium iodate		U
27		2 lb	Potassium chloride		R
28		3 lb	Ammonium acetate		R
29		10 oz	Cobalt nitrate		R
30		2 lb	Calcium chloride		R
31		4 oz	Barium chloride		R
32		1 pt	Carmine		U
33		3 oz	Magnifloc		U
34		4 oz	Aurintricarboxylic acid		U
35		2 lb	8-Hydroxyquinoline		R
36		5 lb	Potassium thiocyanate		R
37		5 lb	Pyrogalic acid		R
38		0.5 lb	Potassium acid phthalate		U
39		8 oz	Boric acid		R
40		8 oz	Anti foam 60		U
41		3/8 lb	Dimethylgloxime		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
	1 lb	Hydrin-K*		U
	2 oz	Sodium cyanide		R
	2 lb	8-Hydroxyquinoline		R
	2.75 lb	Phenol		R
	10 g	$C_5H_4NN:NC10H_60H$ pan powder		U
	2 oz	Potassium ferrocyanide		R
04-29-82	4 oz	Ammonium citrate dibasic		R
(cont)	12 oz	Aluminum		R
	1 kg	Sodium gluconate		U
	12 oz	Separan*		U
	4.5 lb	Sodium sulfate		U
	4.5 lb	Sodium phosphate		R
	5 lb	Sodium sulfite		U
	7 lb	Ammonium sulfate		R
	0.4 lb	Cuprous chloride		U
	8 pt	Perchloric acid		R
	4 pt	Formic acid		R
	1 pt	Zinc chloride		R
	2 pt	Carbon tetrachloride		R
	1 pt	Chloroform		R
	500 mL	Phenol carbolic acid		U
	0.75 kg	50% gluconic acid		U
	1 pt	Formaldehyde		R
	2 gal	Acid		U
	1 L	ORSAT solution		R
	97 g	Croso-r-salt		U
~~05-04-82~~	~~55 gal~~	~~Spent trichloroethyline absorbed in vermiculite~~		
05-04-82	220 gal	Spent trichloroethylene absorbed in vermiculite	P82-030	R
05-05-82	3 L (12 lb)	Perchloric acid	P82-031	R
~~05-23-82~~	~~10 gal~~	~~Corrosive mixture~~		(4)
	~~500 gm~~	~~Kepone~~		
	~~1 gal~~	~~Heaxane~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
~~05-27-82~~	~~1 pt~~	~~Dry 1,4-dioxane-diethylene oxide tec. grape~~		
05-27-82	18 pt	Dry 1,4-dioxane-diethylene oxide tec. grape	P82-035	R
06-25-82	550 gal	Ferrous hydroxide (solid)	P82-040	U
	30 gal	Chromic nitrate		R
	440 gal	SRL feed		U
06-25-82	10 gal	Corrosive mixtures	P82-041	U
	500 g	Kepone		R
	15 lb	Phosphoric acid		R
	1 gal	Hexane		R
	1 lb	Potassium cyanide		R
	1 lb	Sodium cyanide		R
08-17-82	1 gal	Nitric acid	P82-052	R
	1 gal	Glacial acetic acid		R
	1 gal	Hydrochloric acid		R
	1 gal	Chloroform		R
	4 lb	Ether		R
	1 L	Dimethyl formamide		R
	9 gal	Mixed solvents (Tetrahydrofuran, acetone, methylene chloride)		R
08-17-82	50 lb	Mercury-concreted	P82-053	R
	13 gal	Benzene-concreted		R
	3 gal	Mixed carcinogens-concreted		R
11-05-80	9 lb	Ammonium bifluoride	P80-069	R
	4 lb	Ammonium chloride		R
	1 lb	Ammonium citrate (dibasic)		R
	1 lb	Ammonium fluoride		R
	2 lb	Ammonium sulfate		R
	4 lb	Boric acid		R
	1 lb	Carbolic acid		U
	4 lb	Chromic acid		R
	2 lb	Chromium trioxide		R
	6 lb	Cupric sulfate		R
	1 lb	Cuprous chloride		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
	3 lb	Iodine		R
	.25 lb	Lead sulfate		R
	1 lb	Magnesium sulfate		U
	3.5 lb	Oxalic acid		R
	5 lb	Potassium dichromate		R
	1 lb	Potassium chloride		R
	10 lb	Potassium hydroxide		R
	2 lb	Potassium permanganate		R
	3 lb	Sodium bicarbonate		R
	1 lb	Sodium dichromate		R
	1 lb	Sodium fluosiclicate		U
	14 lb	Sodium hydroxide		R
	5 lb	Sodium sulfite		U
	2 lb	Sodium fluoride		R
	1 lb	Sodium silicate		R
	1 lb	Stannic oxide		U
	1 lb	Zinc chloride		R
	1 lb	Zinc oxide		R
	6 lb	Zinc sulfate		U
	1 lb	Sodium hypophosphite		U
	1 lb	Lead iodide		R
	3 gal	Ammonium hydroxide		R
	4.5 gal	Glycerin		R
	2.5 gal	Formaldehyde		R
	.5 gal	Methylene chloride		R
01-21-81	27 drums, 55 gal	Empty - originally containing FeOH	P81-006	U
	2 drums, 55 gal	Empty - originally containing Manganese dioxide		R
	1 drum, 55 gal	Empty - originally containing Phosphoric acid		R
02-24-81	2 drums, 55 gal	Unknown outdated chemicals	P81-015	U
02-28-81	2260 gal	Anion resin	P81-017	U
05-20-81	57 - 1 cf boxes	Empty - originally contained Krovar soil sterilent	P81-035	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
06-12-81	65 cartons cardboard	Empty - originally containing Krovar weed sterilent	P81-042	U
06-15-81	25 drums, 50 gal	Empty - originally containing Assault weed spray	P81-044	U
07-22-81	40 cartons cardboard	Empty - originally containing Krovar weed sterilent	P81-049	U
08-25-81	17 drums, 55 gal	Empty - originally contained FeOH	P81-057	U
09-10-81	200 gal	DeRusto	P81-062	U
10-20-81	12000 lb	Turco decontaminate	P81-070	U
10-20-81	500 gal	Permutit, SK anion exchange resin	P81-071	U
12-09-81	4 bags	Empty - originally contained Spike	P81-084	U
	1-50 lb can	Empty - originally contained Krovar Soil Sterilent		U
	5.5 gal	Type A black polymer		U
	1 gal	R-11 spreader sticker		U
	1 qt	20% HCl		R
	25-5 gal	Empty-orginally contained polymer		U
12-14-81	160 lb	Krovar sterilant	P81-087	U
01-08-82	23 drums, 55 gal	Empty - originally contained FeOH	P82-003	U
02-25-82	32 boxes	Krovar weed soil sterilent	P82-013	U
03-25-82	40 boxes	Empty - originally contained Krovar soil sterilent	P82-018	U
04-08-82	38 boxes	Empty - originally contained FeOH	P82-022	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #33

Date	Quantity	Chemical	Disposal Packet Number	Comments
06-08-82	8 drums, 55 gal	Empty - original contents unknown	P82-037	U
07-07-82	16 drums, 55 gal	Empty - originally contained FeOH	P82-044	U
08-17-82	30 drums, 55 gal	Empty - originally contained FeOH	P82-051	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
11-08-75	48,875 lb	DECON-4306c (TURCO)	P75-001	U
11-13-75	3-55 gal overpacks	Lab pack of misc. small quantity laboratory chemicals	P75-002	U
12-11-75	2 yds	Battery acid contaminated soil	P75-003	R
	~~50 lbs in a 55 gal overpack~~	~~Lab pack of misc. small quantity laboratory chemicals~~		
12-11-75	(6) jars	unknown liquids	P75-004	U
	100 ml	phenyl isocyanate		U
	1 jar	2,7,Dichlorofloresceine spray reagent		U
	1 plastic container	NHy MB		U
	21,600 ml	Solvent extracts		U
	10 L	Scintilation vials		U
	12 chunks	Sediment		U
	100 vials	Unknown		U
	2 gal	Crude sludge		U
	4 bottles	Crude oil		U
	1 L	Formamide liquid		R
	1 L	Hydrochloric acid in metal container		R
	15 lb	Phosphorous pentoxide (granular)		R
12-11-75	13.0 lb	Aluminum (powder)	P75-005	R
	1.0 lb	Calcium chloride		R
	1.0 lb	Soda lime		R
	19.0 lb	Phosphoric acid (granular)		R
	11.0 lb	Sodium oxalate		U
	0.8 lb	Pentasodium diethylenetriamine pentaacetate		U
	0.5 lb	Ethylenediaminetetraacetic acid		U
	2.5 lb	Oxalic acid (granular)		R
	1.0 lb	Manganous sulfate		U
	0.75 lb	Magnesium sulfate (anhydrous)		U
	25.0 lb	Silica gel		U
	4.0 lb	Sodium carbonate		R
	1.0 lb	Acridine		U
	1.0 lb	8-Quinolinol		U
	0.1 lb	8-Hydroxy-7-iodo-5-quinoline sulfonic acid		U
	0.5 lb	Sulfamic acid		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		0.75 lb	Magnesium oxide		R
2		0.75 lb	Potassium dichromate		R
3		3.0 lb	Potassium permanganate		R
4		0.5 lb	Thenoxitrifluoracetone		U
5		1.0 lb	Calcium carbonate		U
6		0.25 lb	Phosphorous acid (granular)		U
7					
8	12-11-75	10.0 lb	Unknown liquid		U
9	(cont)	0.1 lb	Unknown liquid		U
10		~~1 gal~~	~~Electrolyte~~		
11		~~2 gal~~	~~Crude sludge~~		
12		~~4 bottles~~	~~Crude oil~~		
13					
14	12-22-75	55 gal	Trichloroethylene	P75-006	R
15					
16	01-05-76	1,400 gal	Septic tank sludge	P76-001	U
17					
18	~~04-76~~	~~3 lb~~	~~Bromo-napthalene~~		
19		~~5 gal~~	~~Carbon tetrachloride~~		
20					
21	04-21-76	25-55 gal drums	Sodium oxide film on scrap	P76-003	R
22			metal		
23	~~05-76~~	~~6 lbs~~	~~Hydrochloric acid 37%~~		
24		~~7 lbs~~	~~Nitric acid 70%~~		
25	05-01-76	6 lb	Hydrochloric acid 37%	P76-006	R
26		7 lb	Nitric acid 70%		R
27					
28	05-01-76	3 lbs	Bromo-naphthalene	P76-004	R
29					
30	05-01-76	5 gal	Carbon tetrachloride	P76-005	R
31					
32	05-19-76	250 g	Acid aminonaphinol-sulfonic	P76-007	U
33		0.5 lb	Aluminum sulfate		R
34		50 g	1-Amino-2-napthol-4-sulfonic acid		U
35		50 g	Ammonium acetate		R
36		200 g	Ammonium formate		U
37		0.5 lb	Ammonium phosphate-dibasic		U
38		500 g	Amonium sulfamate		U
39		100 g	Aniline hydrochloride		U
40		100 g	p-Bromaniline		U
41		70 g	Brucine sulfate		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		0.5 lb	Calcium nitrate		R
2		50 g	Chloroanilic acid		U
3		25 g	DL-Citrulline		U
4			p-Dimethylamino benzaldehyde		U
5		500 g	Ethylenediamine dihydrochloride		U
6		50 g	1-Hydroxy-2-acetonapthone		U
7		400 g	1-Hydroxy-2-napthoic acid		U
8		0.5 lb	Lithium nitrate crystal		U
9		0.5 lb	Lloyd reagent alkaloid		U
10		1 lb	Magnesium nitrate		R
11		0.5 lb	Manganous sulfate		U
12	05-19-76	100 g	Napthol		U
13	(cont)	100 g	p-Nitroaniline		R
14		0.25 lb	Phenyl mercury chloride		R
15		0.25 lb	Potassium citrate		U
16		1 oz	Quinidine sulfate		U
17		0.5 lb	Rosin		U
18		0.5 lb	Sodium bromide		R
19		0.25 lb	Sodium formate		U
20		~~2 0.5 lb~~	~~Sodium molybdate~~		
21		2.5 lb	Sodium molybdate		U
22		200 g	Succinic acid disodium salt		U
23		~~g~~	~~Sulfosalicylic acid~~		
24		unknown	Sulfosalicylic acid		U
25		5 g	Triketohydrindene hydrate		U
26		2 g	Tripyridine		U
27		100 g	2,4-D		R
28		0.25 lb	Ferric chloride		R
29		100 g	1-10-(ortho) phenanthralin monohydrate		U
30		250 g	p-Toluene sulfonic acid		U
31					
32	~~07-76~~	~~500 g~~	~~Cyclopentane~~		
33	07-26-76	500 g	Cyclopentane	P76-010	R
34					
35	~~07-12-76~~	~~100 lbs~~	~~Cadmium nitrate solution 50%~~		
36			~~contaminate cleanup items~~		
37	07-12-76	1-55 gal	Cadmium nitrate solution 50%	P76-009	R
38			contaminate cleanup items		
39		3-55 gal	Empty drums originally containing		R
40			Cadmium nitrate solution 50%		
41		200 lbs	wooden pallets wetted by		U(6)

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
		cadmium solution		
~~08-20-76~~	~~10 gal~~	~~Foam concentrate~~		
08-12-76	10 gal	Foam concentrate	P76-012	U
	120 lb	Butvar BR 50%		U
	10 gal	Pluconic acid		U
	55 gal	Versenex 80		U
	100 lb	Sodium Gluconate		U
	~~100 lb~~	~~Sodium cluconate~~		
	10 gal	Rodine #214		U
	2 L	Rodine #92-A		U
	10 lb	Methyl violet		U
	15 lb	Oil blue A (dye)		R
	1.5 gal	Zef-pure		U
	5 lb	Fire-sord		U
	7 gal	Petrogon		U
~~09-76~~	~~500 lb~~	~~Sodium oxide contaminated shipping containers~~		
08-31-76	10-55 gal	Empty drums originally containing sodium hydroxide and sodium oxide	P76-013	R(6)
	200 lb	Random lengths of tubing with sodium oxide and hydroxide residue		R(6)
	~~10 g~~	~~Mercury~~		(2)
	~~110 gal~~	~~TURCO 4521~~		
~~09-76~~	~~2,500 lb~~	~~TURCO 4521~~		
~~(cont)~~	~~430 lb~~	~~Sodium carbonate~~		
09-01-76	10 gal	Rodine #214	P76-014	U
	~~55 gal~~	~~Hi-EX foam~~		
	5 gal	Hi-EX foam		U
~~10-28-76~~	~~300 lbs~~	~~Sodium hudroxide~~		
10-28-76	1-55 gal	Caustic soda beads, Pels 180 solidified	P76-016	R
	2-55 gal	TURCO fabrifilm		R(6)
	55 gal	TURCO fabrifilm, HF modified		R
	55 gal	TURCO 430GC		U
	100 lbs	TURCO 430GB		U
	1,700 lbs	TURCO 430GD		U
	1,300 lbs	Sodium sulfate, borax sweepings		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
	800 lbs	Sodium persulfate sweepings		R
	600 lbs	Sodium sulfite sweepings		U
~~10-29-76~~	~~173 gal~~	~~Misc. paint~~		
10-28-76	173 gal	Misc. paint	P76-017	U
	~~1 pt~~	~~Epoxy hardener~~		
	10 pt	Epoxy hardener		U
~~12-76~~	~~10 L~~	~~Hydrazine solution depleted~~		
12-09-76	10 L	Hydrazine solution depleted	P76-018	R
	~~630 lbs~~	~~Poly-vinyl sulfonated~~		
		~~Benzene cation exchange~~		
		~~Resion~~		
12-29-76	2-55 gal drums	Dowex 50 W X 8 cation exchange	P76-022	U
	(420 lb)	resin		
	1-55 gal drum	Unused amberlite anion exchange		U
	(210 lb)	resin		
~~12-15-76~~	~~55 gal~~	~~Dibutyl carbitol~~		
12-14-76	55 gal	Dibutyl carbitol	P76-020	R
12-10-76	25 g	1,3,5-Trinitrobenzene mixed	P76-019	U
		100 parts sand		
~~02-07-77~~	~~0.75 gal~~	~~2,4-D dilute~~		
02-07-77	4 L	2,4-D (stock)	P77-001	U
	50 L	Coal tar/water		R
	16 L	Crude oil/water		U
~~02-10-77~~	~~990 gals~~	~~Toluene/Isopropyl 50/50~~		
02-11-77	30 lb	Sodium oxide waste	P77-002	R
~~03-77~~	~~30 L~~	~~Unknown organics~~		
05-01-77	30 L	Unknown organics	P77-022	U
06-01-77	55 gal	Tetrachloroethylene 90%	P77-026	R
		ethylene glycol 10%		
~~03-29-77~~	~~3) lbs~~	~~Potassium permanganaate~~		(2)

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		~~10 lbs~~	~~Sodium hydroxide~~		(2)
2		~~5 lbs~~	~~Nickel chloride~~		(2)
3		~~5 lbs~~	~~Nickel sulfate~~		(2)
4	03-29-77	1 lb	Collodion flexible	P77-008	U
5	(cont)	~~1 lb~~	~~Sodium phosphate~~		(2)
6		~~1 lb~~	~~Sodium borate~~		(2)
7		~~1 lb~~	~~Boric acid~~		(2)
8		~~1 lb~~	~~Cuprous cyanide~~		(2)
9		~~6 lbs~~	~~Cupric sulfate~~		(2)
10		~~1 lb~~	~~Lithium fluoride~~		(2)
11		~~1 lb~~	~~Aluminum chloride~~		(2)
12		~~1 lb~~	~~Lithium carbonate~~		(2)
13		~~1 lb~~	~~Sodium fluoride~~		(2)
14		13 cans	Spray paint (pressurized)		U
15		1 pt	Dow Corning* fluid 200		U
16		~~1/3 gal~~	~~Paper cement~~		
17		1 gal	Paper cement		U
18		1 qt	Dowanol*		U
19		~~3.05 gal~~	~~2-propanol~~		(2)
20		6 lbs	Calcium carbonate		U
21		0.25 pt	Unknown		U
22		~~1 lb~~	~~Sodium cyanide~~		(2)
23		~~1 pt~~	~~Dimethyl formamide~~		(2)
24		1 qt	Cyclohexane		R
25		4 pt	Ethylene dichloride		R
26		1 gal	Carboline thinner 2J		U
27		2 oz	Fine sulphide		U
28		~~1 pt~~	~~Chloroform~~		(2)
29		1 pt	Collodion		U
30		~~1 pt~~	~~Ethylene glycol~~		(2)
31		~~1 pt~~	~~Diethylene glycol~~		(2)
32		~~6 pt~~	~~Butyl alcohol~~		(2)
33		~~14 pt~~	~~Benzene~~		(2)
34					
35	~~04-77~~	~~165 gal~~	~~Paint/solvent~~		
36	04-22-77	165 gal	Paint/solvent	P77-016	U
37					
38	04-07-77	0.2 kg	Hydrochloric acid gas	P77-012	R
39		1.4 kg	Hydrobromic acid gas		R
40					
41					

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
~~04-19-77~~	~~NA~~	~~Sodium oxide contaminated equipment includingtwo 2-inch valves and one 6-inch-diameter and 18-inch-long tank~~		
04-19-77	100 lb	Sodium oxide contaminated equipment including two 2-inch valves and one 6-inch-diameter and 18-inch-long tank	P77-014	R(6)
~~04-24-77~~	~~26 gal~~	~~Liquid penetrants~~		
~~05-77~~	~~40 lb~~	~~Ion-exchange cleaner~~		
05-31-77	40 lb	Ion-exchange cleaner	P77-025	U
	100 lb	Sodium phosphate tribasic		R
	~~100 lb~~	~~Scale cleaner~~		
	10 lb	Caustic		R
	~~50 lb~~	~~Nitrogen fertilizer~~		(8)
	~~4 gal~~	~~Alfa bromonaphthalene~~		
11-17-77	60 gal	Alfa bromonaphthalene, bromonaphthalene and mineral oil	P77-057	R
05-04-77	40 lb	Amberlyst A-26* anion strong base resin	P77-023	U
~~06-77~~	~~5 gal~~	~~Unknown liquid~~		U
06-06-77	48 ft^3	Sodium oxide contaminated pipe	P77-028	R
~~06-15-77~~	~~5 gal~~	~~Phenoline 300 catalyst~~		
~~06-22-77~~	~~5 gal~~	~~Phenoline 300 catalyst~~		
06-28-77	5 gal	Phenoline 300 catalyst	P77-032	U
	~~3 lb~~	~~Bird-X~~		
06-22-77	3 lb	Bird-X (pigeon poison)	P77-031	U
~~08-77~~	~~7.2 kg~~	~~Cupric oxide~~		
08-15-77	2.7 kg	Cupric oxide (black)	P77-036	U
	4.5 kg	Cupric oxide (red)		U
	5.4 kg	Nickel Oxide		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
~~09-30-77~~	~~30 lb~~	~~Dimethylsalf oxide (DMSO)~~		
09-30-77	1-55 gal drum	Dimethylsulfer oxide (DMSO)	P77-043	R
~~10-12-77~~	~~Small quantity~~	~~Litharige lead monoxide~~		
10-12-77	100 lb	Litharge lead monoxide	P77-047	R
~~10-12-77~~	~~less than 1 lb~~	~~Cobaltous nitrate~~		
10-12-77	unknown	Potassium nitrate	P77-048	R
	unknown	Sodium nitrate		R
	unknown	Sodium cobaltous nitrate		U
	unknown	Nickelous nitrate		U
	unknown	Zirconium nitrate		U
	unknown	Zinc oxide		R
	unknown	Soda Ash		R
	unknown	Sodium molybdate		U
	unknown	Aluminum granules		R
	unknown	Titanium oxide		U
	unknown	Black ferric oxide		U
	unknown	Red ferric oxide		U
	unknown	Calcium Carbonate		U
	unknown	Ferric chloride		R
	unknown	Cupric oxide		U
	unknown	Talc Merck		U
	unknown	Sodium Silicate		R
	unknown	Cesium Carbonate		R
	unknown	Sodium phosphate		R
	unknown	Lead		R
	unknown	Strontium chloride		U
10-12-77	unknown	Sodium peroxide		R
(cont)	unknown	Potassium chloride		R
	unknown	Aluminum		R
10-19-77	110 gal	Solvent refined coal and and solvent	P77-051	U
	1-55 gal drum 5-5 gal cans	Mixed oil and plastic oils and solvents		U
	~~20 gal~~	~~Waste oil/solvents~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
~~10-31-77~~	~~10 ft^3~~	~~Oil shale (rock)~~		
09-19-77	5 ft^3	Plastic sheeting contaminated with natural rock dust from oil shale hammer	P77-042	U
~~11-11-77~~	~~8 oz~~	~~Beryllium metal~~		
	~~500 lbs~~	~~Concreted carcinogens (benzene, pyrene)~~		
11-10-77	5 gal	Carcinogens (concreted)	P77-053	R
	~~12 kg~~	~~Mercury in solution with hydrochloric acid, sodium chloride and organics~~		
11-15-77	3 gal	Mercury in solution of HCl, NaCl and organics	P77-055	R
~~12-01-77~~	~~3 gal~~	~~Organic solvents--methyl isobutyl ketone, benzene, pyridine, carbondisulfide, pesticides and beryllium~~		
12-01-77	6.3 gal	Organic solvents--methyl isobutyl ketone, benzene, pyridine, carbondisulfide, pesticides and beryllium	P77-058	R
12-12-77	540 lbs	Sodium oxide contaminated equipment	P77-062	R
~~01-78~~	~~30 gal~~	~~Boiler treatment solution~~		
	~~15 gal~~	~~NINALK B acid~~		
	~~2.5 gal~~	~~Produce #135 (contains chromate)~~		
01-11-78	30 gal	Watcoa Barler treatment solution	P78-003	U
	15 gal	MINALK B acid		U
	2.5 gal	Chromatic product no. 135		U
	40 lbs	Fire and soot powder		U
~~02-15-78~~	~~55 gal~~	~~Aluminum nitrate~~		
03-07-78	55 gal	Aluminum nitrate	P78-007	R
	55 gal	DTPA		U
	100 lb	Sodium nitrate		R
	100 lb	Sairset bonding mortar		U
	5 gal	Manganese nitrate		R
	5 gal	Sodium silicate		R
	100 gal	Ferric nitrate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		18 L	DTPA		U
2		1 L	Unknown solution		U
3		3 L	100% TBA		U
4		2 L	NPH		R
5		1 L	15% Aliquot 336/xylene		R
6		500 ml	5% Aliquot 336/chloroform		R
7		1 L	30% Aliquot 336/xylene		R
8		1 L	DI (secondary-butyl) phenol phosphonate		U
9		250 ml	5% TOPO/cyclohexane		R
10		200 ml	1.3 m HDEHP/cyclohexane		R
11	02-15-78	~~250 ml~~	~~1.3 m HDEHP/cyclohexane~~		
12	(cont)	100 ml	CCl_4		R
13		200 ml	30% DI (secondary butyl) phenol		R
14			phosphonate/xylene		
15		150 ml	100% Di butyl N,N-diethylcarbamoyl-phosphonate		U
16		~~500 ml~~	~~Chloroform~~		
17		400 ml	Chloroform		R
18		250 ml	5% TOPO/cyclohexane		R
19		130 ml	D_2 EHPA		U
20		150 ml	Hexone		R
21		400 ml	.1m TOPO/cyclohexane		U
22		400 ml	15% Aliquot 336/xylene		R
23		200 ml	30% Aliquot 336/xylene		R
24		500 ml	Soap i isopropano		U
25		500 ml	Cyclohexane		R
26		500 ml	Hexone		R
27		~~700 ml~~	~~Nitroethane~~		
28		350 ml	Nitroethane		R
29		300 ml	Chevron dispersant NI-W*		U
30		100 ml	.05 M Br-PADAP/hexanol		U
31		100 mt	.05 M BR-PADAP/cyclohexane		U
32		3 L	HOPPES #9 solvent		U
33					
34	02-15-78	1 lb	Barium perchlorate	P78-005	R
35		2 oz	Zirconyl nitrate		U
36		36 oz	Mercuric nitrate		R
37		0.75 lb	Silver nitrate		R
38		1 lb	Lead nitrate		R
39		2 lb	Lead dioxide		R
40		~~2 lb~~	~~Larnthanium nitrate~~		
41		2 lb	Lanthanium nitrate		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		2.5 lb	Mercuric nitrate		R
2		1 lb	Magnesium perchlorate		R
3		5 lb	Sodium perchlorate		R
4		5 lb	Phosphorous pentoxide		R
5		1 lb	Potassium oxalate		U
6		~~2 lb~~	~~Larthanum nitrate crystals~~		
7		2 lb	Lanthanium nitrate crystals		R
8		1 lb	Sodium bisulfate		R
9		0.25 lb	Lithium fluoride		U
10		5 g	Ferric sulfate		R
11		100 g	Reinecke salt $NH_4(Cr(NH_3)_2(SCH))\cdot H_2O$		U
12		4 oz	Sodium stearate		U
13		6 lb	Sodium sulfate, anhydrous		U
14		0.25 lb	Turgatic anhydride		U
15		1 lb	Sodium silicate		R
16	02-15-78	1 lb	Potassium carbonate		R
17	(cont)	5 g	Hexachloric dihydrager platinum IV		U
18		1 gal	Ferric sulfate		R
19		10 lb	Cresco sulphur		U
20		1 lb	Iron chip accelerator		U
21		1 lb	Potassium ferrocyanide		R
22		1 lb	Lithium hydroxide, anhydrous		R
23		1 lb	Sodium hydrochlorite		U
24		1 lb	Potassium fluoride		R
25		10 g	Zinc sulfate		U
26		25 g	Zinc sulfide		U
27		4 oz	Mercuric chloride		R
28		10 g	Meta sodium bisulfate		U
29		1 lb	Sulfamic acid		R
30		10 g	Sodium tetra borate		U
31		10 g	Magnesium chloride		R
32		10 g	Nickel sulfate		U
33		25 g	Sodium perchlorate		R
34		50 g	Black K salt (Nation Anvine Divison)		U
35		25 g	Potassium ferricyanide		R
36		0.25 lb	Lithium chloride		U
37		100 g	Sodium azide		U
38		100 g	Nitroso R salt		U
39		250 ml	Hydroxylamine hydrochloride		R
40		0.5 lb	Manganous chloride		R
41		2 lb	Manganous chloride		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		6 pt	Ceric ammonium, sulfate (0.04N)		U
2		1 pt	Titanium trichloride		U
3		10 g	Phenol red		U
4		0.5 lb	TTA		R
5		1 lb	Hydroquinone		R
6		100 g	2,5-Diphenyl oxazole		U
7		25 g	1,5-Diphenyl carbohydrazide		U
8		10 g	Cholesteryl escuate		U
9		5 g	Glyoxol-bis (2-hydroxyanil)		U
10		15 ml	Benzalkorium CL(zephiron), 2.8% (rexall phum.)		U
11		100 g	Dodecyl alcohol		U
12		100 g	4,5-Dihydroxyl-3-(p-sulfophenylazo)-		U
13			3,7-napthalene disulfonic acid in sodium		
14			salt		
15		5 g	Bis (1-phenyl-1,3-butaine dicro) copper		U
16		10 g	N-phenrylberzo hydroxamis acid		U
17					
18	02-15-78	160 oz	1,10-pherathrolie ferrous sulfate, solution		U
19	(cont)		(ferrous)		
20		5 g	Aluminum (2-ethylhexaroate)		U
21		100 g	1-Nitroso-1-naphthol		U
22		10 g	6-Methyl-2,4-heptanedione		U
23		1 lb	Ammonium sulfide		R
24		1 lb	Aerosol OT solution, 25% (Verwalters & Rogers)		U
25		5 g	Nickel cyclohexane butyrate		U
26		250 ml	2-Ethylhexylamine		U
27		500 g	o-Aminophenol		U
28		1 kg	Di-N-butyl phosphate		R
29		5 g	Aluminum Cyclohexene butyrate		U
30		5 g	Tris (-phenyl-1,3-butanedione) iron		U
31		2 g	Bathopherzathroline, sulfonated, sodium salt		U
32		2 g	Thymol blue indicator		U
33		10 g	Hematoxylin.		U
34		5 g	2-Napthylamine		U
35		40 g	Bromothymol blue		U
36		20 g	Methyl violet 2B		U
37		10 g	Diphenylthiocasbazone		U
38		25 g	2,4-Dimethyl pharol		U
39		10 g	Cargo red		U
40		~~1 pt~~	~~Kad fisdur reagent~~		
41		1 pt	Karl fischer reagent		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		25 g	1-Nitroso-2-napthol-3,6-disulfours acid		U
2			disodium salt		
3		25 g	1-Pyfolidine carbonithior acid, ammonium salt		U
4		5 g	POPOP 1,4-bis (2-(5-phenyloxazolyl))-benzene		U
5		25 g	Premix `P' 2% POPOP; 98% PPO(PPO-aphenoazide)		U
6		~~20 g~~	~~Methyl red~~		
7		10 g	Methyl red		U
8		100 g	Trioctylphosphine oxide		U
9		10 g	Oxime		U
10		100 g	Sulfosalicylic acid		U
11		4 oz	Potassium biphthalate		R
12		21 g	CDTA (1,2-cyolohexylene-dinitirile)-		U
13			tetraacetric acid		
14		10 g	Potassium fluoride		R
15		200 g	Amadac-F (Besdiet/Jackson Laboratories)		U
16		1 pt	`Aerosol' OT clear, 25% (American		U
17			Cyanimid Co.)		
18		1 oz	Methyl red		U
19		1 lb	Anion exchange resin (chloride form)		U
20		20 g	Dithizone		U
21	02-15-78	50 g	Petrol black `A'		U
22	(cont)	12 pt	Ehrlich reagent solution (p-dimethylamino		U
23			benaldehyde)		
24		250 ml	Collodion in ethylether		U
25		14 pt	Formaldehyde		R
26		1 pt	Benzene		R
27		1 gal	Special thinner #92 (alcohol derivative)		U
28		~~1 L~~	~~Chclohexane~~		
29		1 L	Cyclohexane		R
30		1 gal	N-butyl acetate		R
31		1 gal	Ketone		U
32		250 ml	Chemical Solution:		R
33		(% by volume)	24.7% Aromatic solvent		
34			30.0% M-purol		
35			25.0% O-dichlorobenzene		
36			12.5 % Crysylic acid		
37			5.0% Monoethandamine		
38			2.8% Igepal* CO 210~~% by volume~~		
39		1 kg	Butylacetate		R
40		5 pt	Carbon tetrachloride		R
41		600 ml	Organic gelatin & dye		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
	1 gal	Flammable organic		R
	1 lb	unknown		U
	.25 lb	unknown		U
	40 ml	organic gelatin and dye		U
	1 pt	unknown		U
	1 qt	organic		U
	~~4 gal~~	~~Ammonia~~		
02-24-78	4 gal	Ammonia	P78-006	R
~~03-78~~	~~30 gal~~	~~TURCO DESEN IT II~~		
03-30-78	1-55 gal drum	Empty drum originally containing TURCO DESEALIT II (drum developed a leak)	P78-011	U
	250 lb	Wooden pallets soaked with Turco Desealit		U(6)
	~~40 lb~~	~~Microdoiocide~~		
07-10-78	220 lb	Microdoiocide	P78-019	U
~~06-01-78~~	~~110 gal~~	~~Sulfamic acid~~		
03-09-79	30 lb (6 gal)	Hydrofluoric acid	P79-005	R
	~~30 lb (15 L)~~	~~Hydriodic acid~~		
03-09-79	30 lb (15 L)	Hydroiodic acid	P79-006	R
03-27-79	5 gal	Sodium hydroxide	P79-008	R
	15 gal	Mixture of Arsenic and Antimony Sulfide		R
	4 gal	Ammonium hydroxide		R
	10 gal	Chloroform, hexane, tetrahydrofuran acetone		R
	4 gal	Mercury Cleanup Waste, cleanup rags, etc		R
	6 gal	Carbon tetrachloride, hexane, tetrahydrofuran		R
	1 L	Phosphorous pentoxide		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
04-23-79	~~55 gal drum~~	~~Methyl ethyl ketone, mineral spirits and absorbent~~		
	10 drums, 55 gal	Methyl ethyl ketone, mineral spirits and absorbent (partially full)	P79-015	R(6)
	15 drums, 55 gal	Empty - originally containing Methyl ethyl ketone, mineral spirits and absorbent		R(6)
~~06-08-79~~	~~600 ml~~	~~Benzene~~		
06-05-79	600 ml	Benzene	P79-022	R
~~07-19-79~~	~~55 gal drum~~	~~Flammable organic solvents~~		
07-02-79	55 gal drum	Flammable organic solvents	P79-028	U
	with absorbent	Corrosive liquid		U
	& individual	Ammonia		R
	containers	Phosphoric acid (1.5 gal)		R
		Epoxy resin (1 gal)		U
		Catalyst (1 qt)		U
		Xylene (2 qt)		R
		Fixing agent (2.25 gal)		U
		`Photo resist' (2 qt)		U
~~07-24-79~~	~~4 L~~	~~Dibromobutane~~		
07-24-79	2 L	Dibromobutane	P79-030	R
	3 qt	Dibutyl phthalate		R
	1 kg	Dichloromethane		R
	75 g	2-Methylamino ethanol		U
	1 L	.1M TTA, 0.01M tributyl phosphate in hexane		R
	1 lb	Aquafluor		U
	2 lb	Glycerine		R
	1 gal	Glycerine		R
	500 g	2,4-Pentane.		R
	4 kg	2,6-Dimethyl-4-heptanol		U
	5 pt	Triethanolamine		R
	2 L	Isooctane		R
	12 kg	2,2,4-Trimethyl pentane		R
	11 pt	Amyl acetate		R
	4 qt	Isoamyl acetate		R
	~~19 pt~~	~~Cylohexanone~~		
	19 pt	Cyclohexanone		R
	30 pt	Carbon tetrachloride		R
	24 pt	Carbon tetrachloride		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		5 gal	Ethylene glycol monoethyl ether		R
2		45 pt	Xylene		R
3		15 pt	Isoamyl alcohol		R
4		~~500 g~~	~~Bis(2-ethoxyethyl) ether~~		
5		1000 g	Bis(2-ethoxyethyl) ether		R
6		645 g	Bis(2-ethylhexyl) hydrogen phosphate		U
7		10 pt	Ethyl acetate		R
8		9 pt	Bromobenzene		R
9		12 pt	Butyl alcohol		R
10	07-24-79	5 pt	Pyridine		R
11	(cont)	4 kg	Nitrobenzene		R
12		~~5 pt~~	~~Chloroform~~		
13		6 pt	Chloroform		R
14		24 pt	Chloroform		R
15		3 pt	Petroleum ether		R
16		10 pt	Isopropyl ether		R
17		5 gal	Heptane		R
18		1 gal	Butyl cellosolve		R
19		16 pt	Hexanol		R
20		1 gal	Salicylaldehyde		R
21		5 gal	Transformer oil		U
22		1 gal	unlabeled		U
23		1 gal	Flammable liquid NOS		U
24		18 lb	Hydrofluoric acid		R
25		1 gal	Freon*		R
26					
27	08-28-79	25 lb	Ammonium hydroxide	P79-035	R
28		8 lb	Hydrogen peroxide		R
29		0.75 gal	Dimethyl formamide		R
30		0.66 gal	Heptane		R
31		1 gal	Formaldehyde		R
32		1 gal	Acetonitrile		R
33		0.75 gal	Dichloroethane		R
34		1 gal	Butyl ethyl acetate		U
35		5 pt	Carbon tetrachloride		R
36		0.5 gal	Methanol		R
37		0.75 gal	Propanol		R
38		4 lb	Glacial acetic acid		R
39		13 lb	Sulfuric acid		R
40		6 lb	Hydrochloric acid		R
41					

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
	20 lb	Oxalic acid		R
	30 lb	Potassium hydroxide		R
09-11-79	4 gal	Petroleum ether, hexane, benzene, pyridine, pesticide, beryllium	P79-037	R
~~10-25-79~~	~~5 gal~~	~~Cine 2 reversal bleach solution developer reprenisher~~		
10-25-79	15 lb	CINE 2 Reversal bleach solution (developer replenisher)	P79-043	U
~~11-28-79~~	~~2-5 gal cans~~	~~Mixed liquid carcinogens (benzene, benzyl-para-aminophenol, etc.) absorbed into Discasorb, placed into 5-gallon cans and concreted into 55-gallon drums~~		
12-05-79	2-5 gal cans	Mixed liquid carcinogens (benzene, benzyl-para-aminophenol, etc.) absorbed into Discasorb, placed into 5-gallon cans and concreted into 55-gallon drums~~11-~~	P79-050	R
~~28-79 (cont)~~	~~125 lb~~	~~Mercury with `discasorb'~~		
~~03-05-80~~	~~6 pt~~	~~Isoamyl alcohol~~		
	~~500 ml~~	~~50% Isoamyl alcohol~~		
	~~2 L~~	~~Isooctane~~		
	~~2 kg~~	~~Mesityl oxide~~		
	~~4 kg~~	~~Triethanolamine~~		
	~~2 kg~~	~~Nitrobenzene~~		
	~~4 pt~~	~~Nitrobenzene~~		
	~~16 oz~~	~~Phenol reagent~~		
	~~500 g~~	~~Propylene carbonate~~		
	~~9 pt~~	~~Pyridine~~		
	~~1 L~~	~~1 g/L Rhodium~~		
	~~5 kg~~	~~1,1,2,2-tetra-bromo-ethane~~		
	~~1 kg~~	~~Tetrahydrofuran~~		
	~~16 pt~~	~~Trichloro-ethylene~~		
	~~2 bottles~~	~~Triisooctylamine~~		
	~~4 L~~	~~2,2,4-Trimethyl pentane~~		
	~~8 pt~~	~~Tri-n-octylamine~~		

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		~~2 pt~~	~~Octyl alcohol~~		
2	03-05-80	3 lb	Cadmium	p80-009	R
3		3 oz	Cadmium nitrate		R
4		1 lb	Cadmium chloride		R
5		5 lb	Cryolite		R
6		5 lb	Calcium hydroxide		R
7		500 g	2-(2-hydroxyl-1-naphtylazo)-		U
8			2-naphthol-4-sulfonic acid		
9			~~zinc salt~~		
10		9 oz	Iodine		R
11		750 g	Hydroxylamine sulfate		U
12		500 g	Hydrazine sulfate		R
13		2 lb	Lead nitrate		R
14		~~4 lb~~	~~Iron metal wire~~		
15		1 lb	Magnesium acetate		U
16		0.25 lb	Lead iodide		R
17		1 lb	lead chloride		R
18		0.5 lb	Lithium aluminum oxide		U
19		1 lb	Magnesium chloride		R
20		0.25 lb	Manganous chloride		R
21		25 g	2-Mercaptobenzathiazole		U
22		10 g	2-Mercapto-N-2-naphthylacetamide		U
23	03-05-80	0.25 lb	Mercuric oxide red		R
24	(cont)	10 g	3-Methylindole		U
25		100 g	3-Methyl-1-phenyl-2-		U
26			pyrazoline-5-one		U
27		200 g	1-Naphthylamine hydrochloride		U
28		100 g	1-Naphthalamine		U
29		5 g	di-ß-naphthylthiocarbazone		U
30		4 oz	Nickelous sulfate		U
31		0.25 lb	Nickelous nitrate		U
32		4 oz	Nickel metal powder		R
33		4 oz	Oxalic acid		R
34		200 g	Pararosaniline hydrochloride		U
35		25 g	3.3'-dimethyl-1,1'-diphenyl		U
36			[4,4'-bi-2-pyrazoline]-5,5'-dione]		
37		25 g	Phenylazoaniline		U
38		3 lb	Potassium carbonate		R
39		0.25 lb	Potassium bromate		R
40		1 lb	Potassium chlorate		U
41		25 g	Potassium dithio-oxalate		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		100 g	Potassium ferrocyanide		R
2		0.25 lb	Potassium chloride		R
3		1 lb	Potassium biohydrate		U
4		1 lb	Potassium ferricyanide		R
5		1 lb	Potassium nitrate		R
6		0.25 lb	Potassium periodate		U
7		1 lb	Potassium phosphate dibasic		U
8		2 lb	Potassium phosphate monobasic		U
9		2.25 lb	Potassium sodium tartrate		U
10		1 oz	Quinine sulfate		U
11		10 g	Quinalizarin		U
12		100 g	8-Quinolinol		U
13		1 lb	Potassium sulfate		R
14		1 lb	Potassium thiocyanate		R
15		4 oz	Pyrogallic acid		R
16		0.25 lb	Silver nitrate		R
17		0.25 lb	Saponin		U
18		0.25 lb	Sequestrene NA2*		U
19		1 lb	Sodium arsenate		R
20		~~2.25 lb~~	~~Potassium sodium tartrate~~		
21		~~1 oz~~	~~Quinine sulfate~~		
22		~~10 g~~	~~Quinalizarin~~		
23	03-05-80	~~1 lb~~	~~Pumice~~		
24	(cont)	~~100 g~~	~~8-Quinolinol~~		
25		~~1 lb~~	~~Potassium sulfate~~		
26		~~1 lb~~	~~Potassium thiocyanate~~		
27		~~4 oz~~	~~Pyrogallic acid~~		
28		~~0.25 lb~~	~~Silver nitrate~~		
29		~~0.25 lb~~	~~Saponin~~		
30		~~0.25 lb~~	~~Sequestrene NA2~~		
31		~~1 lb~~	~~Sodium arsenate~~		
32		0.25 lb	Sodium bismuthate		U
33		0.25 lb	Sodium cyanide		R
34		3 lb	Sodium dichromate		R
35		100 g	Sodium diethyldithiocarbamate		U
36		2 lb	Sodium dithionate		R
37		1 kg	Sodium formaldehyde bisulfite		U
38		2 lb	Sodium formate		U
39		1 lb	Soda lime		R
40		4 oz	Sodium oxalate		U
41		1 lb	Sodium nitrite		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		~~1 lb~~	~~Sodium phosphate tribasic~~		
2		1 lb	Sodium phosphate dibasic		R
3		~~1 lb~~	~~Sodium phosphate tera~~		
4		1 lb	Sodium phosphate tetra		U
5		1 lb	Sodium sulfide		R
6		~~4 oz~~	~~Strontium bromide~~		
7		1 lb	Strontium bromide		U
8		4 oz	Strontium carbonate		U
9		4 oz	Strontium sulfate		U
10		4 oz	Strontium hydroxide		U
11		2 lb	Stannous sulfate		U
12		10 lb	Sulfanilic acid		R
13		700 g	N-1-naphthylethylenediamine		U
14			dihydrochloride		
15		5 lb	Sodium sulfite		U
16		0.25 lb	Strontium nitrate		R
17		1 g	Thymolsulfonephthalein		U
18		1 g	Tartaric acid		U
19		1 g	Tetrahydroxyquinone		U
20		1 lb	Thymol		U
21		~~1 lb~~	~~o-Toluidine~~		
22		1 lb	o-Tolidine		R
23		4 oz	Zinc		R
24		3 oz	Calcium nitrate		R
25		3 lb	Calcium chloride		R
26		1.25 lb	Chromium potassium sulfate		R
27		2 lb	Chromium trioxide		R
28	03-05-80	1 lb	Copper turnings		R
29	(cont)	1 lb	Cobalt chloride		U
30		0.25 lb	Cobalt nitrate		R
31		1 lb	Cobalt sulfate		U
32		4 oz	Cupric nitrate		R
33		4 oz	Cupferron		U
34		5 lb	Ceric sulfate		R
35		1 lb	Magnesium turnings		R
36		6 lb	Potassium dichromate		R
37		100 g	Diazole		U
38		25 g	1,8-dihydrosynaphthalene-, 6-disulfonic acid		U
39		200 g	M-dinitrobenzene		U
40		45 g	Diphenylthiocarbazone		U
41		1 lb	Ethylenediamine tetraacetic acid		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		1 lb	Ferric nitrate		R
2		1 lb	Ferrous sulfide		U
3		100 g	Fluorescein disodium salt		U
4		500 g	L-(t)-Glutamic acid		U
5		1 lb	Zinc sulfate		U
6		1 lb	Zinc oxide		R
7		2 lb	Zinc acetate		R
8		1 lb	Zinc chloride		R
9		1 lb	zinc nitrate		R
10		1 oz	Zirconium chloride		U
11		500 g	Zirconyl chloride		U
12		1 oz	Zirconyl nitrate		U
13		100 g	Acetyl choline chloride		U
14		1 lb	Aluminum chloride		U
15		1.5 lb	Aluminum sulfate		R
16		6 oz	Asbestos		U
17		2 oz	Ammonium chromate		R
18		4 oz	Ammonium iodide		U
19		~~0.25 lb~~	~~Ammonium oxalate~~		
20		0.5 lb	Ammonium oxalate		R
21		4 oz	Ammonium phosphate		U
22		2 lb	Ammonium thiocyanate		R
23		4 oz	Arsenic trioxide		R
24		4 oz	Arsenic acid		R
25		~~5 lb~~	~~Ammonium persufate~~		R
26		5 lb	Ammonium persulfate		R
27	03-05-80	0.25 lb	Barium hydroxide		R
28	(cont)	1 lb	Barium nitrate		R
29		0.5 lb	Beryllium sulfate		R
30		6 oz	Gum ghatti		U
31					
32	~~03-15-80~~	~~500 g~~	~~Acetonitrile~~		
33	03-05-80	500 g	Acetonitrile	P80-010	R
34		3 pt	Aniline		R
35		1 pt	Ammonium sulfide		R
36		1 kg	2-Butoxyethyl acetate		R
37		1 kg	Butyl acetate		R
38		500 ml	N-butyl acetate		R
39		500 g	Butylamine		U
40		1 kg	o-Dichlorobenzene		R
41		250 g	2-Dimethylamino ethanol		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		100 g	n,n-Dimethyl-1-naphthylame		U
2		2 pt	Dimethylsulfoxide		R
3		1 pt	1,4 Dioxane		R
4		2 pt	Ethylene glycol		R
5		500 g	Formamide		R
6		2 pt	1 Hexanol		R
7		6 pt	Isoamyl alcohol		R
8		500 ml	50% Isoamyl alcohol		R
9		2 L	Isooctane		R
10		2 kg	Mesityl oxide		R
11		4 kg	Triethanolamine		R
12		2 kg	Nitrobenzene		R
13		4 pt	Nitrobenzene		R
14		16 oz	Phenol reagent		R
15		500 g	Propylene carbonate		R
16		9 pt	Pyridine		R
17		1 L	1 g/L Rhodium		U
18		5 kg	1,1,2,2-tetra-bromo-ethane		R
19		1 kg	Tetrahydrofuran		R
20		16 pt	Trichloro-ethylene		R
21		2 bottles	Triisooctylamine		U
22		4 L	2,2,4-Trimethyl pentane		R
23		2 pt	Octyl alcohol		R
24					
25	04-10-80	0.4 lb	Benzene reagent	P80-017	R
26					
27	04-15-80	5 lb	Glycerol	P80-021	U
28		10 lb	Hydrogen peroxide		R
29		20 lb	Mercury - double contained + concrete		R
30		2 oz	Methanol		R
31		6 oz	D-tartaric acid		U
32		10 g	Dimethyl amino ethanol		U
33		3 qt	Ethylene glycol		R
34		4 lb	Easy Off* oven cleaner		R
35		1.5 gal	OSPHO acid metal prepcint conditioner		U
36		1 pt	68% Ammonium nitrate monohydrate		R
37		~~1 gal~~	~~potassium permanganate~~		
38		1 gal	Decon solution $KMnO_4$ 30 g NaOH		R
39		1 pt	25% Oxalic acid		R
40		0.5 pt	Sodium hydroxide		R
41		1 gal	Glycerol		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

	Date	Quantity	Chemical	Disposal Packet Number	Comments
1		~~0.5 pt~~	~~Murokami etchart~~		
2		0.25 pt	Murokami etchart		U
3		0.13 pt	Nitric acid, hydrofluoric acid, water		R
4		0.5 pt	20% Acetic acid, water		R
5		0.25 pt	Kellign's reagent		U
6		0.25 pt	Nitric acid, hydrofluoric acid, water		R
7		1 pt	Liquid paraffin		U
8	04-15-80	1 gal	Diethylene glycol monoethyl ether		U
9	(cont)	1 qt	Norcune 3416		U
10		2 gal	Hypersol lubricant		U
11		3 cans	OS lubricant		U
12		2 qt	Hypalube `Hyprez'*		U
13		1 pt	1% Chromium trioxide		R
14		1 qt	2% Chromium trioxide		R
15		0.5 pt	25% Sodium hydroxide		R
16		0.5 pt	10% Oxalic		U
17		~~2 glass~~	~~Ballards triple-distilled mercury~~		
18		~~containers~~			
19		1 lb	Magnesium oxide		R
20		14 lb	Fluorochemical inert		U
21		2 lb	Cupric sulfate		R
22		1 gal	Dimethyl phosphate		U
23		1 lb	Dimethylformamide		R
24		4 gal	Zinc bromide		U
25		2 lb	Ammonium citrate dibasic		R
26		1 lb	Aluminum metal		R
27		6 lb	Aluminum nitrate		R
28		5 lb	Ammonium persulfate		R
29		1 lb	Ammonium fluoride		R
30		~~1 lb~~	~~Cesium nitrate~~		
31		.5 lb	Cesium nitrate		R
32		.5 lb	Cerium nitrate - ceramic etch		U
33		1 lb	Copper metal		R
34		1 lb	Cupric chloride		R
35		2 lb	Chromium oxide		R
36		9 lb	Chromium trioxide		R
37		8 lb	Cupric sulfate		R
38		2 lb	Ferric chloride		R
39		4 oz	$Fe(NO_3)_3$		U
40		1 oz	Fluorescein sodium		U
41		6 lb	Lead metal		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
	4 lb	Mercuric nitrate		R
	10 lb	Oxalic acid dihydrate		R
	4 lb	Potassium permanganate		R
	~~4 lb~~	~~Potassium ferricyanide~~		
	3 lb	Potassium ferricyanide		R
	1 lb	Potassium ferrocyanide		R
04-15-80	1 lb	Potassium thiocyanate		R
(cont)	5 lb	Sodium sulfite anhydrous		R
	0.25 lb	Sodium iodide		R
	4 oz	Sodium cyanide		R
	40 lb	Sodium hydroxide		R
	3 lb	Sodium dichromate		R
	44 lb	Sodium nitrite		R
	~~1 lb~~	~~Magnesium oxide~~		
	1 gal	unknown		U
~~04-25-80~~	~~3 plastic jars in 5 gal metal drums~~	~~Paraquat~~		
5-09-80	3 plastic jars in 5 gal metal drums	Paraquat	P80-032	R
04-15-80	2 glass containers	Ballard's mercury triple distilled	P80-022	R
05-07-80	1,500-1,700 gal	Dilute 2,4-D amine	P80-028	U
05-14-80	15 gal (90 lb)	Dow Corning 710 silicone fluid mixed with `Dry Floor': stiff paste	P80-035	U
06-04-80	2 L	Hydrochloric acid	P80-038	R
	1 gal	Carbon tetrachloride		R
	1 gal	Unknown resin		U
	3 L	Formamide		R
	~~5 oz~~	~~Methylene iodide~~		
	4 oz	Methylene iodide		R
	200 ml	Mercury		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
	~~10 gal~~	~~Liquid heat mixture:~~ ~~52.5% $BaCl_2$~~ ~~14.2% NaCl~~ ~~33.3% KCl~~		
	9 L	Rhodium		U
	2 gal	Chromium compounds		R
	1 qt	Potassium gold cyanide		R
	2 gal	Lithium hydroxide		R
06-17-80	16 plastic containers 1 in. x 3 in.	Lactated ringer solution	P80-050	U
06-17-80	15 gal (130 lb)	Calcium hypochlorite liquid	P80-049	R
06-17-80	60 gal (500 lb)	Yellow dye	P80-047	U
06-17-80 (cont)	132 jars 1 lb each	Sodium dithionite	P80-048	R
06-17-80	100 lbs	Oxalic acid	P80-046	R
07-30-80	1 L (4 lb)	Lead perchlorate perchloric acid	P80-057	R
04-01-76	5 gal	Turco contan-AFF-1	P76-002	U
	55 gal	Turco 5106		U
	55 gal	Turco contan-AFF perminate		U
	10 gal	Gluconic acid		U
	15 gal	50% Polyringl compound		U
	5 gal	Jefferson firesorb TM		U
	55 gal	Zep S.F.-966		U
	51 gal	Sulfuric acid		R
	10 gal	$AgNO_3$ solution		R
	600 gal	Phosphoric acid		R
08-03-76	3 L	Karl Fisher Reagent	P76-011	U
12-29-76	2000 gal	Empty gasoline tank	P76-023	U
	4000 gal	Empty gasoline tank		U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
02-17-77	1400 gal	Septic tank pump-out	P77-003	U(6)
04-14-77	30,000 gal	Biology animal waste	P77-011	U
08-01-77	1-55 gal drum	Mixture of acetone and alcohol	P77-034	R
	1-55 gal drum	Glassware rinse mixture of toluene, ethylacetate, acetone, hexane contaminated with .01-.001 ug/l of kepone		R
08-08-77	58-55 gal drums	Empty - originally containing cadmium nitrate (flushed)	P77-035	U
09-09-77	5000 lb	Nonradioactive, unexposed swine	P77-040	U
04-06-78	100 qt	unknown chemicals (no list attached)	P78-012	U
04-06-78	600 gal	unknown chemicals (no list attached)	P78-013	U
12-05-78	200 lb	Sodium Hydroxide (caustic)	P78-023	R
12-05-78	2-5 gal drums	Mixed Carcinogens (encased)	P78-024	R
01-15-79	1 lb	Chromium nitrate	P79-001	R
03-06-79	22-55 gal drums	Empty originally containing oil	P79-004	U
04-26-79	7-55 gal drums	Empty originally containing sodium oxide and hydroxide	P79-016	R
	200 lb	Tubing, and piping with residue of sodium oxide and hydroxide		R
10-08-79	45 gal	Garbage can full of zirconium	P79-040	R
01-23-80	27 cartons	Empty - originally contained Krovar soil sterilent	P80-001	U
02-21-80	85 gal	Mercury cleanup items	P80-005	R
02-21-80	5 gal	Mercury (cleanup from a spill)	P80-007	R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
03-21-80	2 lb	Work blue coveralls contaminated with mercury	P80-011	R
03-22-80	53 cartons	Empty - originally contained Krovar	P80-012	U
03-28-80	94 cartons	Sodium hydroxide filters	P80-013	R
04-01-80	1 qt	4,4 Methylene Bis (2-Chloroaniline)	P80-014	R
04-09-80	29 drums, 55 gal	Empty - originally contained Krovar soil sterilent	P80-016	U
	1 drum, 55 gal	Empty - originally contained 2,4-D amine		R
04-17-80	525 lb	Be contaminated gloves, paper and plastic	P80-023	R
04-17-80	10 lb	Beryllium (metallic and oxide)	P80-024	R
04-24-80	500 lb	Cadmium plated, self contained HEPA filters, asbestos in filter	P80-025	R
05-08-80	126 lb	Sludge from NaOH storage tank	P80-029	R
05-08-80	107 lb	EF Houghton Liquid Heat 810 41.3% $BaCl_2$; 40.6% $CaCl_2$;18.1% NaCl	P80-030	R
05-09-80	5 lb	Diversey Cleaner #514	P80-031	U
05-12-80	40 lb	unknown	P80-033	U
05-14-80	80 lb	Mercury batteries	P80-034	R
05-14-80	100 lb	EF Houghton Liquid Heat 980 52.5% $BaCl_2$;14.2% NaCl;33.3% KCl	P80-036	R
06-13-80	3 drums, 55 gal	Empty drums - contains sodium and hydroxide residue	P80-043	R
	75 lb	Sodium components, tubing and piping, contains sodium oxide and hydroxide residue		R

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Trench #34

Date	Quantity	Chemical	Disposal Packet Number	Comments
06-13-80	275 lb	Sodium components, tubing and piping, containing sodium oxide and hydroxide residue	P80-044	R
06-13-80	100 lb	Sodium Hydroxide	P80-045	R
06-13-80	1 lb	Flupandpenolide with Neomycin sulfate	P80-051	U
06-26-80	1120 lb	HEPA filters containing sodium aerosol	P80-054	U
06-26-80	2800 lb	Sodium reaction products	P80-055	U
08-14-80	7000 lb	Caustic NaOH contaminated sand	P80-059	R
10-15-80	4 drums, 55 gal	Solvent refined coal	P80-067	U

CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

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CHEMICAL WASTE INVENTORY FOR THE NONRADIOACTIVE DANGEROUS WASTE LANDFILL

Comments for Revised Waste Inventory for NRDWL Chemical Trenches

1. These drums were located when Trench 19N was excavated and were redisposed to Trench 19N on November 11, 1985.

2. Sent off site.

3. Quantity discrepancy in disposal record.

4. Item or group of items not found in the disposal records.

5. Item or group of items assumed to be disposed in trench 26 because of date of disposal.

6. Lack of information regarding the quantity or container volume; therefore quantity or container volume has been assumed.

7. Item or group of items are assumed to have been disposed in Trench 28 because of date of disposal.

8. Used up by some other means-not disposed