

TABLES

TABLE 2.1
MEAN MONTHLY AND ANNUAL TEMPERATURE (°F)
30 YEAR NORMALS (1951-1980)

Month	Temperature
January	53.6
February	56.1
March	62.6
April	69.8
May	76.0
June	81.3
July	83.0
August	82.8
September	79.8
October	70.8
November	61.6
December	56.2
Annual	69.5

TABLE 2.2
MONTHLY AND ANNUAL PRECIPITATION (INCHES)
30 YEAR NORMALS (1951-1980)

Month	Precipitation
January	4.90
February	5.19
March	4.68
April	4.68
May	5.06
June	5.39
July	7.17
August	6.67
September	5.98
October	2.52
November	4.01
December	5.30
Annual	61.55

Table 2.3 Water Table Elevation (in feet), ByPass Channel Site, IHNC, New Orleans, LA

Well No.	Date Installed	Top of Ground (NGVD)	Static Water (NGVD)				
		7/15/93	7/15/93	7/16/93	7/18/93	8/1/93	8/4/93
GW-1	7/15/93	4.36	1.80	3.19	3.07	2.56	2.96
GW-2	7/15/93	5.18	3.63	3.68	3.49	3.28	3.38
GW-3	7/15/93	4.23	3.06	3.04	2.93	2.83	3.03
GW-4	7/15/93	4.77	1.18	2.12	1.96	2.47	2.07
GW-5	7/15/93	4.70	2.59	2.78	2.64	2.1	2.12
GW-6	7/15/93	6.21	5.29	5.29	5.17	5.01	5.06
GW-7	7/15/93	3.50	1.73	2.48	1.52	0.6	0.55
GW-8	7/15/93	5.00	1.91	3.95	4.15	4.1	4
GW-9	7/15/93	3.50	(-0.73	3.39	2.88	0.85	3.3
GW-10	7/15/93	5.71	3.05	3.07	3.06	NT	NT
GW-11	7/15/93	4.68	NT	NT	2.43	3.38	3.36
GW-12	7/14/93	5.66	4.03	4.3	4.01	3.56	3.86
GW-13	7/14/93	3.80	3.04	3	2.71	2.2	2.8
GW-14	7/14/93	4.99	4.81	4.81	4.09	3.49	4.09
GW-15	7/14/93	3.92	3.60	3.49	2.73	NT	NT
GW-16	7/16/93	6.17	NT	NT	3.15	3.27	4.17
GW-17	7/16/93	5.93	NT	NT	3.58	NT	NT

Note : The shallow groundwater monitoring wells were installed by drilling a 6" diameter hole to a uniform depth of 5 feet below the top of ground.

The water table depths in all the wells were read during a span of 1 hour to 1.5 hour period on the listed dates.
NT - Water depth not taken or water well caved-in.

**Table 4.1 Summary of analytical parameter, number of sample analyzed and sample matrices, ByPass Channel Site, Louisiana.
(Includes duplicate samples)**

PARAMETER	EPA METHOD	Soil Shallow Boring	Soil Deep Boring	Tank / Oil-Sat Soil	Total Soil	Ground-Water*	Total Soil & Water
VOLATILE	8240	37	39	15	91	17	108
BTEX	8021	0	0	15	15	5	20
SEMIVOLATILE	8270	37	39	0	76	15	91
CHLOR. HYDROCARBONS	8121	34	39	0	73	15	88
ORG. CHL. PEST/PCB	8080	3	13	0	16	3	19
CHL. HERBICIDE	8150	2	0	0	2	1	3
PAH	8100	0	0	15	15	2	17
TPH	CA LUFT	0	0	46	46	6	52
OIL & GREASE	9071	0	0	31	31	2	33
TCLP	1311	20	0	0	20	0	20
IGNITABILITY	M1010	13	0	0	13	0	13
TCLP (Pb)		4	0	0	4	0	4
METALS							
Arsenic	6010 \ 7060	40	39	5	84	18	102
Barium	6010	40	39	5	84	18	102
Cadmium	6010	40	39	5	84	18	102
Chromium	6010	40	39	5	84	18	102
Lead	6010	40	39	30	109	23	132
Mercury	7470 \ 7471	40	39	5	84	18	102
Selenium	7740 \ 6010	40	39	5	84	18	102
Silver	6010	40	39	5	84	18	102
Aluminum	6010	0	0	0	0	2	2
Zinc	6010	0	0	0	0	3	3
Calcium	6010	0	0	0	0	1	1
ASBESTOS	600 / M4-82-020	2	0	0	2	0	2
DIOXIN-SCREEN	8270	3	0	0	3	0	3

*Do not include QC samples : Trip Blank (TB), Rinseate (IC-DW4R) and field check samples such as surface run-off (IC-RO-1 for boring IC-1) and drilling fluids (IC-6-TW, IC-6-DF1 and IC-6-DF2 for boring IC-6).

Table 4.2 Inventory of soil samples, water samples, and possible contaminant sources, ByPass Channel Site, IHNC, New Orleans, LA (CONT'D):
 (Do not include Phase 2 samples from 5 oil-saturated soils and 1 UST area at Saucer Marine)

SITE / Sample Number		Date Sampled	Date Sub. to Lab	Soil Sample Description	Remarks
BOLAND MARINE :					
1.0	IC-BS-1	4/15	4/19	CH,SB,SL	UST (gasoline); composite of 2 borings (0.5'-1.0' deep);
	IC-BW-1	4/15	4/21		Tank pulled and backfilled with new sand, before 7/12/93.
2.0	IC-BS-2	4/17	4/19	CH,SB,SL	(Former) paint house; composite of 3 borings (2'-3' deep);
	IC-BW-2	4/20-21	4/21		1 boring encountered sandblast material till depths of about 5 feet.
3.0	IC-BS-3	4/10	4/19	SB,SL,SM	Black-colored sandblast material on ground; composite of
	IC-BS-3D	7/21	7/23		4 borings / scoops (2'-1' deep); IC-BS-3D sample for organic testing (1.0'-1.6')
4.0	IC-BS-4	4/16	4/19	SM,SL	Surface soil at south corridor of building with overhanging asbestos piping; composite of 4 borings (2"-0.5" deep)
5.0	IC-BS-5	4/17	4/19	G,SL,CH,ML,SB	Transformer area; composite of 2 borings (2'-3' deep)
	IC-BW-5	5/15	5/19		
6.0	IC-BS-6	4/16	4/19	CH,SM,G,SL	UST / Compressor(?) house / Drums / AST area; composite of
	IC-BW-6	4/21	4/21		3 borings (1'-4.5' deep); UST and fill station pulled and backfilled with new sand before 7/12/93.
7.0	IC-BS-7	4/18	4/19	SB,SL,CH	Concrete pads and ground surface covered with black sandblast material; composite of 3 borings (6"-3" deep); water sample show petroleum product (oil) contamination.
	IC-BW-7	4/20	4/21		
8.0	IC-BS-8	4/18	4/19	SB	Corridor around sunken concrete pads at north portion
	IC-BS-8D	7/20	7/23		of Boland site; composite of 2 borings (2"-6" deep), black sandblast material; IC-BS-8D - organic hot spot, sampled for organic testing (1.0"-2.1" deep).
9.0	IC-BS-9	4/18	4/19	CH,SL,ML	Near floodwall; 1 hardpoint sample (1"-3" deep);
	IC-BW-9	5/17-19	5/19		Assumed background.
	TRIP BLANK	5/14	5/19		
	IC-DG-9D	7/21	7/20		IC BS 9D - re sample (1.0' 2.0' deep) to check high analytical results of Phase 1 sample
10.0	IC-BS-10	4/20	4/21	SB	Black sandblast material, eastern portion of site;
	IC-BS-10D	7/19	7/23		composite of 2 borings/scoops (3"-6" deep); IC-BS-10D (1"-2" deep) check for organics.
11.0	IC-BS-11	7/20	7/23		Organic hot spot (1.5"-2.0" deep)
12.0	IC-1/1A-1 thru -7	7/31	8/3	G,SL,CH,OH,ML	35-foot deep soil boring; east of transformer area; surface run-off sample (IC-R01) entering boring show oil contamination; boring date is 7/22 while soil sampling from shelby tubes at the USACE-NOD soils laboratory is 7/31; ML are very thin strata of silt in fat clay.
MCDONOUGH MARINE (MARMAC):					
1.0	IC-MS-1	4/26	4/28	SL,OH	ASTs shed (1 gasoline tank & 1 paint thinner tank); composite of 4 borings ((2.5"-4.0" deep)
2.0	IC-MS-2	4/24	4/28	SL,OH	AST shed (1 diesel tank), composite of 4 borings (3'-4' deep);
	IC-MW-4(=IC-MW-2)	5/11	5/11		Sample IC-MW-4 was mislabeled = it should be IC-MW-2 to be consistent with locality, water sample show film of petroleum product.
3.0	IC-MS-3	4/26	4/28	SL,G, CH	AST Shed (1 Used oil tank) & 55 ga drums, near former paint house; composite of 4 borings (3'-4' deep)
	IC-MW-3	5/11	5/11		

LEGEND: SB - Sandblast material; G - Gravel; SL - Shell; SP - Sand; SM - Silty sand; CH - Fat clay; OH - organic clay; ML - silt;
 Bot. Sed. - Bottom Sediments in sumps, containment basin, drip / collector pads, ditches; Paint Mat. - Paint Material;
 AST - Above-ground Storage Tank; UST - Underground Storage Tank.

Table 4.2 Inventory of soil samples, water samples, and possible contaminant sources. ByPass Channel Site. IHNC. New Orleans, LA (CONT'D):
 (Do not include Phase 2 samples from 5 oil-saturated soils and 1 UST area at Saucer Marine)

SITE / Sample Number		Date Sampled	Date Sub. to Lab	Soil Sample Description	Remarks
MCDONOUGH MARINE (MARMAC):					
4.0	IC-MS-4	4/24	4/28	SL,G,CH,S	AST (1 propane gas tank), composite of 4 borings (3'-4' deep); random check for possible former fuel tank at location
5.0	IC-MS-5	4/26	4/28	SB	Sandblast material, hard point sample (1'-1.6' deep), near present sandblasting area very close to the Canal.
6.0	IC-MS-6	7/20	7/23		Organic hot spot (1.0'-2.0'); near metal work shed (welding / fabrication); hardpoint sample.
INDIAN TOWING:					
1.0	IC-IS-1	5/4	5/5	SM,SL,CH,G	Rusted 55 ga drum area, northwest of trailer w/ 55 ga drums, composite of 2 samples (1.5'-3').
2.0	IC-IS-2	5/4	5/5	SR	Sandblast material, west portion of site, near concrete pads, hard point sample (1.5'-2.5' deep)
3.0	IC-IS-3	5/4	5/5	CH,G,SL	West of paint / varnish storage building, south of buried box ditch; 55 ga drums & cylinders scattered on grounds, composite of 2 borings (1'-2' deep)
4.0	IC-IS-4; IC-IS-7	5/4	5/5		West of paint / varnish storage building, 55 ga drums (1 filled with odorous solvent-type fluids), hard point sample (0.5'-4' deep)
5.0	IC-IS-5 IC-IW-5; IC-IW-6	5/4 5/14,15,17	5/5 5/17	CH,SM,SB	Rusted AST along fence line with Distributor's Oil; chase possible petroleum product plume from Distributor's Oil; composite 3 borings (1'-2.5')
6.0	IC-IS-6	5/4	5/5	CH,SM	Floodwall, background sample, hard point sample (2.3'-3.8' deep)
7.0	IC-IS-8	7/20	7/23		Organic hot spot (1.0' - 2.0'); hardpoint sample.
8.0	IC-2-1 thru -8 IC-2-W1	8/7 8/12	8/9 8/12	SL,G,CL,CH,OH,ML	35-foot deep boring; behind work / storage building towards Canal; boring date is on 7/30 while sampling date from shelby tubes at the USACE-NOD soils laboratory is on 8/7; ML are very thin strata of silt in fat clay; water sample IC-2-W1 was mislabeled as IC-SW-2P1.
DISTRIBUTORS OIL / MAYER YATCH:					
1.0	IC-DS-1	4/27	4/28	SL,OH,ML	Tank field (6 ASTs), composite of 4 borings around containment basin or sump (1.5'-3.5' deep).
2.0	IC-DS-2; IC-DS-3 IC-DW-2; IC-DW-3	4/27 5/13	4/28 5/13	SL,OH,ML	Office / drum storage building surrounded by fuel station (west end), 55 ga drums (south and north end) and formerly oil saturated soil at gravel padded parking lot (east end), composite 4 borings (1'-2.5'); Duplicate of IC-DS-2 = IC-DS-3; petroleum product encountered during boring. Duplicate IC-DW-2 = IC-DW-3; water sample with petroleum product contamination.
3.0	IC-DS-4; IC-DS-6 IC-DW-4 IC-DW-4R	4/28 5/12 5/13	4/28 5/13 5/14	SB,SM	North of degreasing(?) equipment with sump, at drainage ditch south of work bldg., hardpoint sample (2'-6' deep); Duplicate of IC-DS-4 IC-DW-4R = rinseate sample after using bailer/water sampler to collect IC-DW-4.
4.0	IC-DS-5 IC-DW-5	4/27 5/18,5/19	4/28 5/19	G,SH,SB,CH	(Former) sandblast waste pile, now with gravel / shell surface, composite of 6 borings (1'-1.5').
5.0	IC-DS-6	5/5	5/14	CH, bot. seds., sump	Within containment basin of Distributor's Oil tank field (ASTs : Gasoline & Diesel); composite of 4 bottom sediment samples.

LEGEND: SB - Sandblast material; G - Gravel; SL - Shell; SP - Sand; SM - Silty sand; CH - Fat clay; OH - organic clay; ML - silt;
 Bot. Seds. - Bottom Sediments in sumps, containment basin, drip / collector pads, ditches; Paint Mat. - Paint Material;
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Table 4.2 Inventory of soil samples, water samples, and possible contaminant sources, ByPass Channel Site, IHNC, New Orleans, LA (CONT'D).
 (Do not include Phase 2 samples from 5 oil-saturated soils and 1 UST area at Saucer Marine)

SITE / Sample Number	Date Sampled	Date Sub. to Lab	Soil Sample Description	Remarks
DISTRIBUTORS OIL / MAYER YATCH:				
6.0 IC-DS-9	5/5	5/14	G,SL,SM	(Former) sandblast waste pile, composite of 3 borings / scoops (0.5'-1' deep)
7.0 IC-DS-10	5/19	5/19	Bot. seds., sump	Drip basin / pad of degreaser equipment, bottom sediment / sludge sample.
8.0 IC-DS-11	7/21	7/23	Bot. seds., ditch	Ditch, Surekote Road; composite of 3 bottom sediment samples (ditch bottom to 1.5' deep).
SAUCER MARINE:				
1.0 IC-SS-1	5/3	5/5	Paint mat.	Suspected asbestos material (but possible hardened paint material), tan color, hard, composite of 2 scoops from ground surface.
2.0 IC-SS-2; IC-SS-14 IC-SW-2	5/3 5/14	5/5 5/14	OH,G,SL,SM,CH	55 ga drums, tanks, cans - mixed waste pile - oil saturated soil area with two trailers containing 5- and 1-ga cans, composite of 5 borings (0.5'-2.5' deep); Duplicate of IC-SS-2 = IC-SS-14
3.0 IC-SS-3	5/3	5/5	CH	North portion of site with stressed vegetation east of mound (possibly mixed-waste pile), composite of 3 borings (0.5'-1.5' deep)
4.0 IC-SS-4	4/29	4/30	SB, CH	Mound, mixed-waste pile (tar / creosote coated wood poles, sandblasting material, etc); composite of 2 borings (2'-3' deep); petroleum product encountered during boring.
5.0 IC-SS-5	4/29	4/30	SB,SL,CH	Ground surface samples around waste pile mound, composite of 4 borings (1'-2' deep), oil-saturated soils at west and southwest portion of waste mound.
6.0 IC-SS-6 IC-SW-6	4/29 5/14	4/30 5/14	G,SM,SL,CH	Stressed vegetation, north of propane tank, composite of 3 borings (1'-1.5' deep)
7.0 IC-SS-7 IC-SW-7	4/29 5/13	4/30 5/14	SM,SL,CH	Oil-saturated soil on and around concrete pads; composite of 3 borings (1'-2' deep); petroleum product encountered (possible heavyweight hydrocarbons).
8.0 IC-SS-8	4/28	4/30	SL,CH	1 AST (diesel label), on coarse gravel ground surface, composite of 3 borings.
9.0 IC-SS-9 IC-SW-9	4/28 5/10	4/30 5/11	G,CH,OH	1 AST (gasoline) with fuel station & secondary containment, along fenceline, near Surekote Road; composite of 4 borings around tank.
10.0 IC-SS-10	4/29	4/30	CH	Around metal or machining shop / metal presser shed
11.0 IC-SS-11; IC-SS-13	4/29	4/30	SB	Sandblasting waste pile, highly oxidized, brown color; Duplicate of IC-SS-11 = IC-SS-13
12.0 IC-SS-12	5/19	5/19	Bot. seds., sump	Drip basin / pad of machining equipment (metal presser), sludge material
13.0 IC-SS-15	7/21	7/23	Bot. seds., ditch	Ditch, Surekote Road; composite of 3 bottom sediment samples.
14.0 IC-3-1 thru -7 IC-3-W1	8/8 8/11	8/9 8/12	CH,SL,OH,ML	35-foot deep boring; east of drum area beyond fenceline; boring date is on 8/8 while sampling from shelby tubes at the USACE-NOD soils lab is 8/8; ML are very thin strata of silt in fat clay; water sample IC-3-W1 was mislabeled as IC-SW-3P1.
INT'L TANK TERMINAL:				
1.0 IC-TS-1; IC-TS-5 IC-TW-1	4/22 5/3,5/4	4/27 5/5	SM	North end of New Orleans Health Department Building across floodwall, rodent eradication experiment station, test for rodenticide / pesticide / herbicide; Duplicate IC-TS-1 = IC-TS-5

LEGEND: SB - Sandblast material; G - Gravel; SL - Shell; SP - Sand; SM - Silty sand; CH - Fat clay; OH - organic clay; ML - silt;
 Bot. Sed. - Bottom Sediments in sumps, containment basin, drip / collector pads, ditches; Paint Mat. - Paint Material;
 AST - Above-ground Storage Tank; UST - Underground Storage Tank.

Table 4.2 Inventory of soil samples, water samples, and possible contaminant sources, ByPass Channel Site, IHNC, New Orleans, LA (CONT'D):
 (Do not include Phase 2 samples from 5 oil-saturated soils and 1 UST area at Saucer Marine)

SITE / Sample Number	Date Sampled	Date Sub. to Lab	Soil Sample Description	Remarks
INT'L TANK TERMINAL:				
2.0 IC-TS-2	4/23	4/27	SB,CH	Location at former work house / building of unknown activity; check borings; hard point sample (3.5' deep).
3.0 IC-TS-3	4/22	4/27	SM	Near (former) tank area at concrete pad, hard point sample (2.6'-4.0' deep)
IC-TW-3	5/6	5/7		
4.0 IC-TS-4	4/23	4/27	SB	Sandblast material, composite of 3 borings / scoops (about 2" to 1' deep).
5.0 IC-TS-6	7/21	7/23		Organic hot spot (1.0' - 2.3' deep).
6.0 IC-TS-7	7/21	7/23		Organic hot spot (1.0' - 1.5' deep).
7.0 IC-TS-8	7/20	7/23		Organic hot spot (1.0' - 2.0' deep).
8.0 IC-4-1 thru -5	8/14	8/17	CH,SP,OH	35-foot deep boring; south of concrete pad at middle of site; boring date is on 8/9 while sampling from shelby tubes at USACE-NOD soils laboratory is on 8/14.
FLOODWALL, 35-foot Deep Borings:				
1.0 IC-5/5A-1 thru -6	7/26,7/27	7/29	SM,SP,ML,CH,CL	35-foot deep boring; inside floodwall (Canal side), east of Distributor's Oil / Mayer Yatch; boring is on 7/17 while sampling from shelby tubes at the USACE-NOD soils laboratory is on 7/26 and 7/27.
2.0 IC-6-1 thru -6	8/1	8/3	CH,ML,OH	35-foot deep boring; outside floodwall west of Jourdan Avenue; boring is on 7/28 while sampling from shelby tubes at the USACE-NOD is on 8/1; drilling fluids used in boring

LEGEND: SB - Sandblast material; G - Gravel; SL - Shell; SP - Sand; SM - Silty sand; CH - Fat clay; OH - organic clay; ML - silt;
 Bot. Sed. - Bottom Sediments in sumps, containment basin, drip / collector pads, ditches; Paint Mat. - Paint Material;
 AST - Above-ground Storage Tank; UST - Underground Storage Tank.

TABLE 4.3
SEDIMENT SAMPLING CODES AND DESCRIPTIONS

Code	Depth/Testing	Description
AR1-1C	Vibracore composite, volatile samples AR1-A, AR1-2, AR1-3, and AR1-4	Site A, entire
CR1-AT	0-1' depth vibracore composite, volatile sample at 1' (CR1A-1)	Site C, top
CR1-AM	1-9' depth vibracore composite, volatile sample at 5' (CR1A-5) and 9' (CR1A-9)	Site C, middle
CR1-AB	9-18' depth vibracore composite, volatile sample at 14' (CR1A-14) and 18' (CR1A-18)	Site C, bottom
CR1-AT	0-1' depth vibracore composite, volatile sample taken from CR1-AT	Galvez St. site, top
GR1-AM	1-4' depth vibracore composite, volatile sample taken from GR1-AM	Galvez St. site, middle
GR1-AB	4-9' depth vibracore composite, volatile sample taken from GR1-AB	Galvez St. site, bottom
ER1-AT	0-1.5' depth vibracore composite, volatile sample taken from ER1-AT	Site E, top
ER1-AB	1.5-9' depth vibracore composite, volatile sample taken from ER1-AB	Site E, bottom
ER2-BT	0-8' depth vibracore composite, volatile sample at 8' (ER2B-8)	Site E, run 2, top
ER2-BB	8-12' depth vibracore composite, volatile sample at 8' (ER2B-8)	Site E, run 2, bottom
DIS-01	Grab sample, no volatiles	St. Bernard Parish east of the BFI landfill south of the Jackson Protection Levee Canal
DIS-02	Grab sample, no volatiles	Orleans Parish south of the main outfall canal and just west of the BFI landfill
DIS-03	Grab sample, no volatiles	Orleans Parish just above the railroad and is closest to the IHNC

TABLE 4.4a
SITE AR1-1C (Composite) SEDIMENT ANALYSIS

(IHNC channel, south of existing lock between St Claude Ave. and Mississippi River)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	7.7	<0.030	5.0
Barium	160	0.66	100.0
Cadmium	<1.0	<0.050	1.0
Chromium	19	<0.010	5.0
Lead	27	<0.025	5.0
Mercury	<0.1	<0.0002	0.2
Selenium	<0.6	<0.060	1.0
Silver	<1.8	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<670	<50	7500
Hexachloroethane	<670	<50	3000
Nitrobenzene	<670	<50	2000
Hexachloro-1,3-butadiene	<670	<50	500
2,4-Dinitrotoluene	<670	<50	130
Hexachlorobenzene	<670	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<670	<50	2000
2,4,5-Trichlorophenol	<3300	<250	400000
Pentachlorophenol	<3300	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<3.5	<1.60	400
Heptachlor	<3.5	<1.20	8
Heptachlor epoxide	<3.5	<1.20	8
Endrin	<6.9	<2.40	20
Methoxychlor	<35	<10.0	10000
Chlordane	<3.5	<5.60	30
Toxaphene	<350	<96.0	500

TABLE 4.4b
SITE CR1-AT (0-1 foot depth) SEDIMENT ANALYSIS

(IHNC channel, north of existing lock between St. Claude and
North Claiborne Avenues)

Contaminant	Bulk Sediment Concentration	TCLP Concentration	TCLP Criteria Limit
METALS			
	(mg/kg)	(mg/L)	(mg/L)
Arsenic	9.0	0.065	5.0
Barium	530	0.77	100.0
Cadmium	<1.5	<0.005	1.0
Chromium	29	<0.010	5.0
Lead	49	<0.025	5.0
Mercury	<0.1	0.0004	0.2
Selenium	<0.9	<0.060	1.0
Silver	<2.7	<0.010	5.0
VOLATILE ORGANICS			
	(ug/kg)	(ug/L)	(ug/L)
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
	(ug/kg)	(ug/L)	(ug/L)
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<970	<50	7500
Hexachloroethane	<970	<50	3000
Nitrobenzene	<970	<50	2000
Hexachloro-1,3-butadiene	<970	<50	500
2,4-Dinitrotoluene	<970	<50	130
Hexachlorobenzene	<970	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<970	<50	2000
2,4,5-Trichlorophenol	<4700	<250	400000
Pentachlorophenol	<4700	<250	100000
HERBICIDES			
	(ug/kg)	(ug/L)	(ug/L)
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
	(ug/kg)	(ug/L)	(ug/L)
gamma-BHC	<5	<1.60	400
Heptachlor	<5	<1.20	8
Heptachlor epoxide	<5	<1.20	8
Endrin	<10	<2.40	20
Methoxychlor	<50	<10.0	10000
Chlordane	<5	<5.6	30
Toxaphene	<500	<96.0	500

TABLE 4.4c
SITE CRI-AM (0-9 foot depth) SEDIMENT ANALYSIS

(IHNC channel, north of existing lock between St. Claude and
North Claiborne Avenues)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	11	0.10	5.0
Barium	160	1.0	100.0
Cadmium	<1.2	<0.005	1.0
Chromium	26	<0.010	5.0
Lead	90	<0.025	5.0
Mercury	0.2	0.0003	0.2
Selenium	<0.8	<0.060	1.0
Silver	<2.2	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone		<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<820	<50	7500
Hexachloroethane	<820	<50	3000
Nitrobenzene	<820	<50	2000
Hexachloro-1,3-butadiene	<820	<50	500
2,4-Dinitrotoluene	<820	<50	130
Hexachlorobenzene	<820	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<820	<50	2000
2,4,5-Trichlorophenol	<4000	<250	400000
Pentachlorophenol	<4000	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<4.2	<1.60	400
Heptachlor	<4.2	<1.20	8
Heptachlor epoxide	<4.2	<1.20	8
Endrin	<8.5	<2.40	20
Methoxychlor	<42	<10.0	10000
Chlordane	<4.2	<5.60	30
Toxaphene	<420	<96.0	500

TABLE 4.4d
SITE CR1-AB (9-18 foot depth) SEDIMENT ANALYSIS

(IHNC channel, north of existing lock between St. Claude and
North Claiborne Avenues)

Contaminant	Bulk Sediment Concentration	TCLP Concentration	TCLP Criteria Limit
METALS			
	(mg/kg)	(mg/L)	(mg/L)
Arsenic	9.5	0.042	5.0
Barium	110	0.55	100.0
Cadmium	<0.9	<0.005	1.0
Chromium	16	<0.010	5.0
Lead	18	<0.025	5.0
Mercury	0.1	0.0002	0.2
Selenium	<0.5	<0.060	1.0
Silver	<1.5	<0.010	5.0
VOLATILE ORGANICS			
	(ug/kg)	(ug/L)	(ug/L)
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
	(ug/kg)	(ug/L)	(ug/L)
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<570	<50	7500
Hexachloroethane	<570	<50	3000
Nitrobenzene	<570	<50	2000
Hexachloro-1,3-butadiene	<570	<50	500
2,4-Dinitrotoluene	<570	<50	130
Hexachlorobenzene	<570	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<570	<50	2000
2,4,5-Trichlorophenol	<2800	<250	400000
Pentachlorophenol	<2800	<250	100000
HERBICIDES			
	(ug/kg)	(ug/L)	(ug/L)
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
	(ug/kg)	(ug/L)	(ug/L)
gamma-BHC	<2.9	<1.60	400
Heptachlor	<2.9	<1.20	8
Heptachlor epoxide	<2.9	<1.20	8
Endrin	5.9	<2.40	20
Methoxychlor	<29	<10.0	10000
Chlordane	<2.9	<5.60	30
Toxaphene	<290	<96.0	500

TABLE 4.4e
SITE GR1-AT (0-1 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to Galvez St. Wharf, north of North Claiborne Avenue and south of turning basin)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	11	0.068	5.0
Barium	1700	1.0	100.0
Cadmium	<1.4	<0.005	1.0
Chromium	31	<0.010	5.0
Lead	100	<0.025	5.0
Mercury	0.3	0.0004	0.2
Selenium	<0.8	<0.060	1.0
Silver	<2.4	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<920	<50	7500
Hexachloroethane	<920	<50	3000
Nitrobenzene	<920	<50	2000
Hexachloro-1,3-butadiene	<920	<50	500
2,4-Dinitrotoluene	<920	<50	130
Hexachlorobenzene	<920	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<920	<50	2000
2,4,5-Trichlorophenol	<920	<250	400000
Pentachlorophenol	<4000	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<4.7	<1.60	400
Heptachlor	<4.7	<1.20	8
Heptachlor epoxide	<4.7	<1.20	8
Endrin	<9.2	<2.40	20
Methoxychlor	<47	<10.0	10000
Chlordane	<4.7	<5.60	30
Toxaphene	<470	<96.0	500

TABLE 4.4f
SITE GR1-AM (1-4 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to Galvez St. Wharf, north of North Claiborne Avenue and south of turning basin)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	6.7	<0.030	5.0
Barium	170	1.1	100.0
Cadmium	<0.9	<0.005	1.0
Chromium	20	<0.010	5.0
Lead	36	<0.025	5.0
Mercury	0.2	0.0003	0.2
Selenium	<0.5	<0.060	1.0
Silver	<1.6	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<610	<50	7500
Hexachloroethane	<920	<50	3000
Nitrobenzene	<610	<50	2000
Hexachloro-1,3-butadiene	<920	<50	500
2,4-Dinitrotoluene	<610	<50	130
Hexachlorobenzene	<610	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<610	<50	2000
2,4,5-Trichlorophenol	<610	<250	400000
Pentachlorophenol	<3000	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<3.1	<1.60	400
Heptachlor	<3.1	<1.20	8
Heptachlor epoxide	<3.1	<1.20	8
Endrin	<6.1	<2.40	20
Methoxychlor	<31	<10.0	10000
Chlordane	<3.1	<5.60	30
Toxaphene	<310	<96.0	500

TABLE 4.4g
SITE GR1-AB (4-9 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to Galvez St. Wharf, north of North Claiborne Avenue and south of turning basin)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	11	0.088	5.0
Barium	85	0.58	100.0
Cadmium	<0.9	<0.005	1.0
Chromium	16	<0.010	5.0
Lead	18	<0.025	5.0
Mercury	<0.1	0.0006	0.2
Selenium	<0.6	<0.060	1.0
Silver	<1.6	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<620	<50	7500
Hexachloroethane	<620	<50	3000
Nitrobenzene	<620	<50	2000
Hexachloro-1,3-butadiene	<620	<50	500
2,4-Dinitrotoluene	<620	<50	130
Hexachlorobenzene	<620	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<620	<50	2000
2,4,5-Trichlorophenol	<3000	<250	400000
Pentachlorophenol	<3000	<250	100000
HERBICIDES			
2,4-D		<240	10000
2,4,5-TP Silvex		<34.0	1000
PESTICIDES			
gamma-BHC	<3.2	<1.60	400
Heptachlor	<3.2	<1.20	8
Heptachlor epoxide	<3.2	<1.20	8
Endrin	<6.2	<2.40	20
Methoxychlor	<32	<10.0	10000
Chlordane	<3.2	<5.60	30
Toxaphene	<320	<96.0	500

TABLE 4.4h
SITE ER1-AT (0-1.5 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to turning basin and south of Florida Avenue crossing)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	8.4	<0.15	5.0
Barium	410	1.6	100.0
Cadmium	<1.1	<0.025	1.0
Chromium	26	<0.050	5.0
Lead	150	<0.13	5.0
Mercury	0.5	0.0002	0.2
Selenium	<0.7	<0.30	1.0
Silver	<2.0	<0.050	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<770	<50	7500
Hexachloroethane	<770	<50	3000
Nitrobenzene	<770	<50	2000
Hexachloro-1,3-butadiene	<770	<50	500
2,4-Dinitrotoluene	<770	<50	130
Hexachlorobenzene	<770	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<770	<50	2000
2,4,5-Trichlorophenol	<3700	<250	400000
Pentachlorophenol	<3700	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<4.0	<1.60	400
Heptachlor	<4.0	<1.20	8
Heptachlor epoxide	<4.0	<1.20	8
Endrin	<7.7	<2.40	20
Methoxychlor	<40	<10.0	10000
Chlordane	<4.0	<5.60	30
Toxaphene	<400	<96.0	500

TABLE 4.4i
SITE ER1-AB (1.5-6 foot depth) SEDIMENT ANALYSIS
(IHNC channel, adjacent to turning basin and south of
Florida Avenue crossing)

Contaminant	Bulk Sediment Concentration (mg/kg)	TCLP Concentration (mg/L)	TCLP Criteria Limit (mg/L)
METALS			
Arsenic	10	0.067	5.0
Barium	190	1.2	100.0
Cadmium	<1.7	<0.005	1.0
Chromium	22	<0.010	5.0
Lead	79	0.060	5.0
Mercury	0.4	0.0005	0.2
Selenium	<1.0	<0.060	1.0
Silver	<3.0	<0.010	5.0
VOLATILE ORGANICS			
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<1100	<50	7500
Hexachloroethane	<1100	<50	3000
Nitrobenzene	<1100	<50	2000
Hexachloro-1,3-butadiene	<1100	<50	500
2,4-Dinitrotoluene	<1100	<50	130
Hexachlorobenzene	<1100	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<1100	<50	2000
2,4,5-Trichlorophenol	<5500	<250	400000
Pentachlorophenol	<5500	<250	100000
HERBICIDES			
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
gamma-BHC	<5.9	<1.60	400
Heptachlor	<5.9	<1.20	8
Heptachlor epoxide	<5.9	<1.20	8
Endrin	<11	<2.40	20
Methoxychlor	<59	<10.0	10000
Chlordane	<5.9	<5.60	30
Toxaphene	<590	<96.0	500

TABLE 4.4j
SITE ER2-BT (0-8 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to turning basin and south of
Florida Avenue crossing)

Contaminant	Bulk Sediment Concentration	TCLP Concentration	TCLP Criteria Limit
METALS			
	(mg/kg)	(mg/L)	(mg/L)
Arsenic	9.4	0.096	5.0
Barium	270	0.93	100.0
Cadmium	<1.0	<0.005	1.0
Chromium	24	<0.010	5.0
Lead	200	<0.025	5.0
Mercury	0.9	0.0004	0.2
Selenium	<0.6	<0.060	1.0
Silver	<1.8	<0.010	5.0
VOLATILE ORGANICS			
	(ug/kg)	(ug/L)	(ug/L)
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES			
	(ug/kg)	(ug/L)	(ug/L)
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<3300	<50	7500
Hexachloroethane	<3300	<50	3000
Nitrobenzene	<3300	<50	2000
Hexachloro-1,3-butadiene	<3300	<50	500
2,4-Dinitrotoluene	<3300	<50	130
Hexachlorobenzene	<3300	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<3300	<50	2000
2,4,5-Trichlorophenol	<16000	<250	400000
Pentachlorophenol	<16000	<250	100000
HERBICIDES			
	(ug/kg)	(ug/L)	(ug/L)
2,4-D	--	<240	10000
2,4,5-TP Silvex	--	<34.0	1000
PESTICIDES			
	(ug/kg)	(ug/L)	(ug/L)
gamma-BHC	<3.4	<1.60	400
Heptachlor	<3.4	<1.20	8
Heptachlor epoxide	<3.4	<1.20	8
Endrin	<6.8	<2.40	20
Methoxychlor	<3.4	<10.0	10000
Chlordane	<3.4	<5.60	30
Toxaphene	<340	<96.0	500

TABLE 4.4k
SITE ER2-BB (8-12 foot depth) SEDIMENT ANALYSIS

(IHNC channel, adjacent to turning basin and south of
Florida Avenue crossing)

Contaminant	Bulk Sediment Concentration	TCLP Concentration	TCLP Criteria Limit
METALS	(mg/kg)	(mg/L)	(mg/L)
Arsenic	8.0	<0.030	5.0
Barium	140	0.92	100.0
Cadmium	<0.9	<0.005	1.0
Chromium	17	<0.010	5.0
Lead	22	<0.025	5.0
Mercury	<0.1	0.0011	0.2
Selenium	<0.5	<0.060	1.0
Silver	<1.7	<0.010	5.0
VOLATILE ORGANICS	(ug/kg)	(ug/L)	(ug/L)
Vinyl Chloride	<10	<50	200
1,1-Dichloroethylene	--	<25	700
Chloroform	<5	<25	6000
1,2-Dichloroethane	<5	<25	500
Carbon Tetrachloride	<5	<25	500
Trichloroethylene	--	<25	500
Benzene	<5	<25	500
Tetrachloroethylene	--	<25	700
Chlorobenzene	<5	<25	100000
Methyl Ethyl Ketone	--	<50	200000
EXTRACTABLES	(ug/kg)	(ug/L)	(ug/L)
Pyridine	--	<50	5000
1,4-Dichlorobenzene	<620	<50	7500
Hexachloroethane	<620	<50	3000
Nitrobenzene	<620	<50	2000
Hexachlore-1,3-butadiene	<620	<50	500
2,4-Dinitrotoluene	<620	<50	130
Hexachlorobenzene	<620	<50	130
Cresols, total	--	<50	200000
2,4,6-Trichlorophenol	<620	<50	2000
2,4,5-Trichlorophenol	<3000	<250	400000
Pentachlorophenol	<3000	<250	100000
HERBICIDES	(ug/kg)	(ug/L)	(ug/L)
2,4-D	--	28.6	10000
2,4,5-TP Silvex	--	23.8	1000
PESTICIDES	(ug/kg)	(ug/L)	(ug/L)
gamma-BHC	<3.2	<1.60	400
Heptachlor	<3.2	<1.20	8
Heptachlor epoxide	<3.2	<1.20	8
Endrin	<6.2	<2.40	20
Methoxychlor	<32	<10.0	10000
Chlordane	<3.2	<5.60	30
Toxaphene	<320	<96.0	500

TABLE 4.41
DISPOSAL AREA SITE DIS-01 SEDIMENT ANALYSIS

Contaminant	TCLP Concentration	TCLP Criteria Limit
METALS		
	(mg/L)	(mg/L)
Arsenic	<0.300	5.0
Barium	0.160	100.0
Cadmium	<0.050	1.0
Chromium	<0.130	5.0
Lead	<0.580	5.0
Mercury	<0.020	0.2
Selenium	<0.060	1.0
Silver	<0.090	5.0
VOLATILE ORGANICS		
	(ug/L)	(ug/L)
Vinyl Chloride	<100	200
1,1-Dichloroethylene	--	700
Chloroform	<100	6000
1,2-Dichloroethane	<100	500
Carbon Tetrachloride	<100	500
Trichloroethylene	--	500
Benzene	<100	500
Tetrachloroethylene	--	700
Chlorobenzene	<100	100000
Methyl Ethyl Ketone	--	200000
EXTRACTABLES		
	(ug/L)	(ug/L)
Pyridine	<50	5000
1,4-Dichlorobenzene	<100	7500
Hexachloroethane	<50	3000
Nitrobenzene	<50	2000
Hexachloro-1,3-butadiene	<50	500
2,4-Dinitrotoluene	--	130
Hexachlorobenzene	<50	130
Cresols, total	--	200000
2,4,6-Trichlorophenol	<50	2000
2,4,5-Trichlorophenol	<250	400000
Pentachlorophenol	<250	100000
HERBICIDES		
	(ug/L)	(ug/L)
2,4-D	<250	10000
2,4,5-TP Silvex	<2	1000
PESTICIDES		
	(ug/L)	(ug/L)
gamma-BHC	<0.25	400
Heptachlor	<0.25	8
Heptachlor epoxide	--	8
Endrin	<0.5	20
Methoxychlor	<2.5	10000
Chlordane	<2.5	30
Toxaphene	<25	500

TABLE 4.4m
DISPOSAL AREA SITE DIS-02 SEDIMENT ANALYSIS

Contaminant	TCLP Concentration	TCLP Criteria Limit
METALS		
	(mg/L)	(mg/L)
Arsenic	<0.300	5.0
Barium	0.520	100.0
Cadmium	<0.050	1.0
Chromium	<0.130	5.0
Lead	<0.580	5.0
Mercury	<0.020	0.2
Selenium	<0.060	1.0
Silver	<0.090	5.0
VOLATILE ORGANICS		
	(ug/L)	(ug/L)
Vinyl Chloride	<100	200
1,1-Dichloroethylene	--	700
Chloroform	<100	6000
1,2-Dichloroethane	<100	500
Carbon Tetrachloride	<100	500
Trichloroethylene	--	500
Benzene	<100	500
Tetrachloroethylene	--	700
Chlorobenzene	<100	100000
Methyl Ethyl Ketone	--	200000
EXTRACTABLES		
	(ug/L)	(ug/L)
Pyridine	<50	5000
1,4-Dichlorobenzene	<100	7500
Hexachloroethane	<50	3000
Nitrobenzene	<50	2000
Hexachloro-1,3-butadiene	<50	500
2,4-Dinitrotoluene	--	130
Hexachlorobenzene	<50	130
Cresols, total	--	200000
2,4,6-Trichlorophenol	<50	2000
2,4,5-Trichlorophenol	<250	400000
Pentachlorophenol	<250	100000
HERBICIDES		
	(ug/L)	(ug/L)
2,4-D	<250	10000
2,4,5-TP Silvex	<2	1000
PESTICIDES		
	(ug/L)	(ug/L)
gamma-BHC	<0.25	400
Heptachlor	<0.25	8
Heptachlor epoxide	--	8
Endrin	<0.5	20
Methoxychlor	<2.5	10000
Chlordane	<2.5	30
Toxaphene	<25	500

TABLE 4.4n
DISPOSAL AREA SITE DIS-03 SEDIMENT ANALYSIS

Contaminant	TCLP Concentration	TCLP Criteria Limit
METALS		
	(mg/L)	(mg/L)
Arsenic	<0.300	5.0
Barium	0.210	100.0
Cadmium	<0.050	1.0
Chromium	<0.130	5.0
Lead	<0.580	5.0
Mercury	<0.020	0.2
Selenium	<0.060	1.0
Silver	<0.090	5.0
VOLATILE ORGANICS		
	(ug/L)	(ug/L)
Vinyl Chloride	<100	200
1,1-Dichloroethylene	--	700
Chloroform	<100	6000
1,2-Dichloroethane	<100	500
Carbon Tetrachloride	<100	500
Trichloroethylene	--	500
Benzene	<100	500
Tetrachloroethylene	--	700
Chlorobenzene	<100	100000
Methyl Ethyl Ketone	--	200000
EXTRACTABLES		
	(ug/L)	(ug/L)
Pyridine	<50	5000
1,4-Dichlorobenzene	<100	7500
Hexachloroethane	<50	3000
Nitrobenzene	<50	2000
Hexachloro-1,3-butadiene	<50	500
2,4-Dinitrotoluene	--	130
Hexachlorobenzene	<50	130
Cresols, total	--	200000
2,4,6-Trichlorophenol	<50	2000
2,4,5-Trichlorophenol	<250	400000
Pentachlorophenol	<250	100000
HERBICIDES		
	(ug/L)	(ug/L)
2,4-D	<250	10000
2,4,5-TP Silvex	<2	1000
PESTICIDES		
	(ug/L)	(ug/L)
gamma-BHC	<0.25	400
Heptachlor	<0.25	8
Heptachlor epoxide	--	8
Endrin	<0.5	20
Methoxychlor	<2.5	10000
Chlordane	<2.5	30
Toxaphene	<25	500