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DRAFT REPORT
RCRA FACILITY ASSESSMENT
CONFIRMATION STUDY
NAVAL WEAPONS STATION CONCORD, CALIFORNIA

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VOLUME 2 OF 2

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TABLE 1
SOIL SAMPLING DEPTHS AND ANALYSES
NAVAL WEAPONS STATION CONCORD

SWMU	Building	Boring	Sample Depths (ft.)	Analyses Performed (in 1 or more samples)
1	IA-6	01-01	0.5, 5, 10.5, 15	O&G, TPHd, TPHmo, VOCs
		01-02	5, 10, 15	O&G, TPHd, TPHmo, VOCs
		01-03	5, 10, 15	O&G, TPHd, TPHmo, VOCs
		01-04	3, 9, 13.5	TPHd, TPHmo, BTEX
		01-05	3, 9, 14.5	TPHd, TPHmo, BTEX
		01-06	3, 10	TPHd, TPHmo, BTEX
2	IA-7	02-01	0, 3	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-02	0.2, 4.5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-03	0.5, 4.5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-04	0.5, 4	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-05	0.3, 4.5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-06	0.3, 4.5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-07	0.5, 4.5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-08	0, 5	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-09	4.2, 4.5, 5.0	TPHd, TPHmo, TPHg, BTEX, metals, anions, carbonates
		02-10	0, 2.5, 6	TPHd, TPHmo, TPHg, BTEX
		02-11	0, 2.5, 6.5	TPHd, TPHmo, TPHg, BTEX
		02-12	0.5, 2.5, 6.5	TPHd, TPHmo, TPHg, BTEX, VOC, SVOC, metals
		02-13	0, 2, 6	TPHd, TPHmo, TPHg, BTEX
		02-14	0, 2, 7	TPHd, TPHmo, TPHg, BTEX
5	IA-12	05-01	5.5, 10.5, 15.5, 20.5	metals
		05-02	6, 11, 16, 21, 26	TPHd, TPHmo, TPHg, BTEX
		05-03	5.5, 10, 15.5, 20.5	TPHd, TPHmo, O&G, VOCs, SVOCs, metals
		05-04	6, 11, 16, 21	TPHd, TPHmo, O&G, VOCs, SVOCs, metals
		05-05	0, 6	TPHd, TPHmo, O&G, BTEX
		05-06	1, 6	TPHd, TPHmo, O&G, BTEX
		05-07	1, 5.5	metals
		05-08	0.5, 4.5	metals
7	IA-16	07-01	0.5, 4.5	VOCs, metals
		07-02	1, 6	VOCs, metals
		07-03	0.5	VOCs, metals
		07-04	1	VOCs, metals
		07-05	1.5	VOCs, metals
		07-06	6, 11, 16	VOCs, metals
		07-07	6, 11, 16, 21, 26	TPHd, TPHmo, TPHg, BTEX
		07-08	6, 11, 16, 21, 26	TPHd, TPHmo, TPHg, BTEX
		07-09	6, 11, 16, 20.5, 25.5	TPHd, TPHmo, TPHg, BTEX
		07-10	0.5, 3, 8, 14	metals
		07-11	0.5, 13	TPHd, TPHmo, BTEX
		07-12	9, 19.5	TPHd, TPHmo, BTEX, metals
		07-13	9.5, 14.5, 21.5	TPHd, TPHmo, BTEX
12/20	IA-24 A-55	12/20-01	5, 11, 15	VOCs, SVOCs, O&G, metals
		12/20-02	5, 10	VOCs, SVOCs, O&G, metals
		12/20-03	5, 10, 15	VOCs, SVOCs, O&G, metals
13	IA-25	13-01	5, 10, 15	VOCs, SVOCs, O&G, metals, pesticides/PCBs, explosives
		13-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals, explosives
		13-03	0, 3	VOCs, SVOCs, O&G, metals, pesticides/PCBs, explosives
14	IA-27	14-01	5, 10, 16	VOCs, SVOCs, O&G, metals
		14-02	5.5, 10.5, 16	VOCs, SVOCs, O&G, metals
15	IA-41	15-01	0.5, 6	VOCs, SVOCs, metals
		15-02	1, 5	VOCs, SVOCs, metals
		15-03	0.5, 4	VOCs, SVOCs, metals

TABLE 1 (Continued)
SOIL SAMPLING DEPTHS AND ANALYSES
NAVAL WEAPONS STATION CONCORD

SWMU	Building	Boring	Sample Depths (ft.)	Analyses Performed (in 1 or more samples)
16	IA-46	16-01	0.5, 5	asbestos
		16-02	0.5, 5	asbestos
		16-03	0.5, 5	asbestos
		16-04	0.5, 5	asbestos, metals, pesticides/PCBs
		16-05	0.5, 5	asbestos, metals, pesticides/PCBs
		16-06	0, 5, 10, 14	asbestos, metals, pesticides/PCBs
		16-07	0.5, 5	pesticides
		16-08	1, 4.5	pesticides
		16-09	0.5, 5	pesticides
		16-10	0, 2, 4.5	pesticides
		16-11	0.5, 2, 5	pesticides
		16-12	0.5, 5	pesticides
		16-13	0	pesticides
17	IA-50	17-01	5, 10, 15	VOCs, SVOCs, O&G, metals
		17-02	5, 10, 15	VOCs, SVOCs, O&G, metals
18	IA-51	18-01	6, 11, 15.5	TPHd, TPHmo, O&G, BTEX, metals
		18-02	5, 7.5, 10.5, 15.5	VOCs, SVOCs, TPHd, TPHmo, O&G, metals
		18-03	0.3, 4	metals
		18-04	0.2, 4	metals
		18-05	0.2, 3.5	metals
		18-06	2.5, 9.5	TPHd, TPHmo, BTEX
		18-07	2.5, 9.5	TPHd, TPHmo, BTEX
		18-08	2.5, 9.5	TPHd, TPHmo, BTEX
		18-09	1.5	TPHd, TPHmo, BTEX
		18-10	2.5	TPHd, TPHmo, BTEX
		18-11	2	TPHd, TPHmo, BTEX
		18-12	2	TPHd, TPHmo, BTEX
22	81	22-01	5.5, 10.5, 15.5	VOCs, SVOCs, O&G, explosives, metals
		22-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, explosives, metals
		22-03	5, 10, 15.5	VOCs, SVOCs, O&G, explosives, metals
		22-04	0, 4	VOCs, SVOCs, O&G, explosives, metals
		22-05	0, 4	VOCs, SVOCs, O&G, explosives, metals
23	87	23-01	5, 10.5, 15.5	VOCs, SVOCs, O&G, explosives, metals
		23-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, explosives, metals
24	93	24-01	5.5, 11, 16	VOCs, SVOCs, O&G, metals
		24-02	5.5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		24-03	5, 10.5	VOCs, SVOCs, O&G, metals
25	97	25-01	5	VOCs, SVOCs, O&G, metals
		25-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		25-03	10.5	VOCs, SVOCs, O&G, metals
37	A-2	37-01	0	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-02	0, 4	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-03	0, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-04	0, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-05	0.5, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-06	0.5, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-07	0, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-08	0, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-09	0, 4.5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-010	0.5, 3	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-11	0.5, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
		37-12	0.5, 5	VOCs, SVOCs, metals, TOC, explosives, pesticides/PCBs
40	174	40-01	0, 5	pesticides/PCBs, TPHd, TPHmo, BTEX
		40-02	0	pesticides/PCBs, TPHd, TPHmo, BTEX
		40-03	0, 1.5	pesticides/PCBs, TPHd, TPHmo, BTEX
44	350	44-01	5, 10.5, 15.5	VOCs, SVOCs, O&G, TPHd, TPHmo, metals
		44-02	5.5, 10.5, 15	VOCs, SVOCs, O&G, TPHd, TPHmo, metals

TABLE 1 (Continued)
SOIL SAMPLING DEPTHS AND ANALYSES
NAVAL WEAPONS STATION CONCORD

SWMU	Building	Boring	Sample Depths (ft.)	Analyses Performed (in 1 or more samples)
50	E-08	50-01	3, 5	TPHd, TPHmo, O&G, BTEX
		50-02	3, 5	TPHd, TPHmo, O&G, BTEX
		50-03	6, 10	TPHd, TPHmo, O&G, BTEX
		50-04	6, 11	TPHd, TPHmo, O&G, BTEX
		50-05	1, 3.5	TPHd, TPHmo, BTEX
		50-06	1, 3.5	TPHd, TPHmo, BTEX
		50-07	1, 4	TPHd, TPHmo, BTEX
		50-08	1	TPHd, TPHmo, BTEX
51	1A-56	51-01	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		51-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
52	7SH5	52-01	5, 10.0, 15.0	VOCs, SVOCs, O&G, metals
		52-02	5, 10.0, 15.0	VOCs, SVOCs, O&G, metals
		52-03	0, 3.5	VOCs, SVOCs, O&G, metals
		52-04	0, 2	VOCs, SVOCs, O&G, metals
53	7SH14	53-01	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		53-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
54	1A-79	54-01	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		54-02	5, 10.5, 15.5	VOCs, SVOCs, O&G, metals
		54-03	5, 10.5, 15	VOCs, SVOCs, O&G, metals
		54-04	5, 10, 15	VOCs, SVOCs, O&G, metals

TABLE 2
GROUNDWATER SAMPLING AND ANALYSES
NAVAL WEAPONS STATION CONCORD

SWMU	Well/Boring	Analyses Performed
1	MW-1	VOCs, TPHd, TPHmo, O&G
	MW-2	VOCs, TPHd, TPHmo, O&G
	MW-3	VOCs, TPHd, TPHmo, O&G
	MW-4	VOCs, TPHd, TPHmo, O&G
	MW-5	VOCs, TPHd, TPHmo, O&G
	MW-6	VOCs, TPHd, TPHmo, O&G
2	02-10	VOCs, TPHd, TPHmo, BTEX
	02-14	VOCs, TPHd, TPHmo, BTEX
5	05-01	VOCs, SVOCs, TPHd, TPHmo, TPHg, O&G, metals, pH
	05-02	VOCs, SVOCs, TPHd, TPHmo, TPHg, O&G, metals, pH
	05-03	VOCs, SVOCs, TPHd, TPHmo, TPHg, O&G, metals, pH
	05-04	VOCs, SVOCs, TPHd, TPHmo, TPHg, O&G, metals, pH
7	07-06	VOCs, TPHd, TPHmo, TPHg, metals
	07-07	VOCs, TPHd, TPHmo, TPHg, metals
	07-08	VOCs, TPHd, TPHmo, TPHg, metals
	07-09	VOCs, TPHd, TPHmo, TPHg, metals
	07-11	BTEX, TPHd, TPHmo
	07-12	BTEX, TPHd, TPHmo
	07-13	BTEX, TPHd, TPHmo
18	18-01	VOCs, SVOCs, TPHd, TPHmo, O&G, metals
	18-02	VOCs, SVOCs, TPHd, TPHmo, O&G, metals
37	37-11	VOCs, SVOCs, explosives, pH, TOC, pesticides/PCBs, metals, pH, salinity
	37-12	VOCs, SVOCs, explosives, pH, TOC, pesticides/PCBs, metals, pH, salinity, arsenic
	37-13	Arsenic
50	50-03	TPHd, TPHmo, BTEX, O&G
	50-04	TPHd, TPHmo, BTEX, O&G
	MW-1	TPHd, TPHmo, BTEX, O&G

TABLE 3
SEPTIC TANK SEWAGE SLUDGE
SAMPLING AND ANALYSES
NAVAL WEAPONS STATION CONCORD

Septic Tank Identification	Analyses Performed
SWMU 13 SWMU 13 duplicate	VOCs, SVOCs, pesticides/PCBs, explosives, metals, O&G SVOCs
SWMU 14	VOCs, SVOCs, metals, O&G
SWMU 44 SWMU 44 duplicate	VOCs, SVOCs, TPHd, , metals, O&G TPHd

TABLE 4
SEPTIC TANK SEWER WATER
SAMPLING AND ANALYSES

Septic Tank Identification	Analyses Performed
SWMU 12	VOCs, SVOCs, metals, O&G
SWMU 13	VOCs, SVOCs, pesticides/PCBs, explosives, metals, O&G
SWMU 14	VOCs, SVOCs, metals, O&G
SWMU 17	VOCs, SVOCs, metals, O&G
SWMU 22 South Tank SWMU 22 West Tank	VOCs, SVOCs, explosives, metals, O&G VOCs, SVOCs, explosives, metals, O&G
SWMU 23 SWMU 23 duplicate sample	VOCs, SVOCs, metals, O&G VOCs, SVOCs
SWMU 24 SWMU 24 duplicate sample	VOCs, SVOCs, metals, O&G VOCs, SVOCs
SWMU 25	VOCs, SVOCs, metals, O&G
SWMU 44	VOCs, SVOCs, TPHd, metals, O&G
SWMU 51	VOCs, SVOCs, metals, O&G
SWMU 52 SWMU 52 duplicate sample	VOCs, SVOCs, metals, O&G SVOCs
SWMU 53	VOCs, SVOCs, metals, O&G
SWMU 54 new tank SWMU 54 old tank SWMU 54 old tank duplicate sample	VOCs, SVOCs, metals, O&G VOCs, SVOCs, metals, O&G SVOCs

Naval Weapon Station Concord SWMU 01 Laboratory Sampling Report

Table 5A: Soil Analytical Results

Point ID	S01-01	S01-01	S01-01	S01-01	S01-02	S01-02	S01-02	S01-03	S01-03	S01-03	S01-04	S01-04
Sample ID	S01SS009	S01SS010	S01SS011	S01SS012	S01SS006	S01SS007	S01SS008	S01SS001	S01SS002	S01SS003	S01SS013	S01SS014
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/20/95	03/20/95	03/20/95	10/16/95	10/16/95
Sample Depth (in feet)	0.50 - 1.00	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50	3.00 - 3.50	9.00 - 9.50
Aromatic Volatiles (in mg/Kg)												
BENZENE	--	--	--	--	--	--	--	--	--	--	0.0006 U	0.0006 U
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	0.0006 U	0.0006 U
TOLUENE	--	--	--	--	--	--	--	--	--	--	0.0006 U	0.0006 U
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	0.0006 U	0.0006 U
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
2-BUTANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	--	--
2-HEXANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	--	--
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
ACETONE	0.01 U	0.02 U	0.01 U	0.02 U	0.03 U	0.01 U	0.02 U	0.01 U	0.03 U	0.02 U	--	--
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Naval Weapon Station Concord SWMU 01 Laboratory Sampling Report

Table 5A: Soil Analytical Results

Point ID	S01-01	S01-01	S01-01	S01-01	S01-02	S01-02	S01-02	S01-03	S01-03	S01-03	S01-04	S01-04
Sample ID	S01SS009	S01SS010	S01SS011	S01SS012	S01SS006	S01SS007	S01SS008	S01SS001	S01SS002	S01SS003	S01SS013	S01SS014
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/21/95	03/20/95	03/20/95	03/20/95	10/16/95	10/16/95
Sample Depth (in feet)	0.50 - 1.00	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50	3.00 - 3.50	9.00 - 9.50
Volatiles (in mg/kg)												
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
Petroleum Indicators (in mg/kg)												
DIESEL	--	--	--	--	--	--	--	12 U	12 U	12 U	6 J	12 U
GASOLINE	0.6 UJ	0.7 U	0.6 U	0.6 U	0.6 UJ	0.6 U	0.6 U	--	--	--	--	--
MOTOR OIL	--	--	--	--	--	--	--	12 U	12 U	12 U	8 J	12 U
Miscellaneous												
OIL & GREASE	58	48	40	130	48	61	40	40	50	65	--	--
PH	8.2	7.6	7.4	7.6	8.5	8.2	7.7	8.8	8.2	8.2	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 5A: Soil Analytical Results

Point ID	S01-04	S01-05	S01-05	S01-05	S01-06	S01-06
Sample ID	S01SS015	S01SS016	S01SS017	S01SS018	S01SS019	S01SS020
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	13.50 - 14.00	3.00 - 3.50	9.00 - 9.50	14.50 - 15.00	3.00 - 3.50	10.00 - 10.50
Aromatic Volatiles (in mg/kg)						
BENZENE	0.0006 U	0.0006 U	0.003 U	0.0006 U	0.0005 U	0.0006 U
ETHYLBENZENE	0.0006 U	0.0006 U	0.006	0.0006 U	0.0005 U	0.0006 U
TOLUENE	0.0006 U	0.001	0.003 U	0.0006 U	0.0005 U	0.0006
XYLENE (TOTAL)	0.0006 U	0.004	0.02	0.01	0.006	0.005
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 5A: Soil Analytical Results

Point ID	S01-04	S01-05	S01-05	S01-05	S01-06	S01-06
Sample ID	S01SS015	S01SS016	S01SS017	S01SS018	S01SS019	S01SS020
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	13.50 - 14.00	3.00 - 3.50	9.00 - 9.50	14.50 - 15.00	3.00 - 3.50	10.00 - 10.50
Volatiles (in mg/Kg)						
XYLENE (TOTAL)	--	--	--	--	--	--
Petroleum Indicators (in mg/Kg)						
DIESEL	12 U	11 U	290	9 J	14	350
GASOLINE	--	--	--	--	--	--
MOTOR OIL	12 U	24 J	61 J	12 U	19	96 J
Miscellaneous						
OIL & GREASE	--	--	--	--	--	--
PH	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 5B: Groundwater Analytical Results

Point ID	S01-MW-01	S01-MW-02	S01-MW-03	S01-MW-04	S01-MW-05	S01-MW-06
Sample ID	S01GW016	S01GW014	S01GW022	S01GW020	S01GW017	S01GW018
Matrix	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/12/95	04/11/95	04/18/95	04/18/95	04/12/95	04/12/95
Volatiles (in µg/L)						
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	10 U	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	5 J	10 U	6 J	6 J	6 J	6 J
TOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
XYLENE (TOTAL)	10 U	10 U	10 U	10 U	10 U	10 U
Petroleum Indicators(in µg/L)						
DIESEL	960 J	100 U	100 U	100 U	100 U	100 U
MOTOR OIL	240 J	100 U	100 U	100 U	150 J	100 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 5B: Groundwater Analytical Results

Point ID	S01-MW-01	S01-MW-02	S01-MW-03	S01-MW-04	S01-MW-05	S01-MW-06
Sample ID	S01GW016	S01GW014	S01GW022	S01GW020	S01GW017	S01GW018
Matrix	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/12/95	04/11/95	04/18/95	04/18/95	04/12/95	04/12/95
Miscellaneous						
OIL & GREASE	5 U	5 U	5 U	5 U	5 U	5 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 6A: Soil Analytical Results

Point ID	S02-01	S02-01	S02-02	S02-02	S02-03	S02-03	S02-04	S02-04	S02-05	S02-05	S02-06	S02-06
Sample ID	S02SS017	S02SS018	S02SS004	S02SS005	S02SS001	S02SS006	S02SS002	S02SS003	S02SS007	S02SS008	S02SS009	S02SS010
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/11/95	02/21/95	02/21/95	02/21/95	02/22/95	02/21/95	02/21/95	02/22/95	02/22/95	02/22/95	02/22/95
Sample Depth (in feet)	0.00 - 0.50	3.00 - 3.50	0.20 - 0.80	4.50 - 5.00	0.50 - 1.00	4.50 - 5.00	0.50 - 1.00	4.00 - 4.50	0.30 - 0.90	4.50 - 5.00	0.30 - 0.90	4.50 - 5.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	0.0006 UJ	0.0006 UJ	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
ETHYLBENZENE	0.0006 UJ	0.0006 UJ	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
TOLUENE	0.0006 UJ	0.0006 UJ	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
XYLENE (TOTAL)	0.0006 UJ	0.0006 UJ	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 6A: Soil Analytical Results

Point ID	S02-01	S02-01	S02-02	S02-02	S02-03	S02-03	S02-04	S02-04	S02-05	S02-05	S02-06	S02-06
Sample ID	S02SS017	S02SS018	S02SS004	S02SS005	S02SS001	S02SS006	S02SS002	S02SS003	S02SS007	S02SS008	S02SS009	S02SS010
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/11/95	02/21/95	02/21/95	02/21/95	02/22/95	02/21/95	02/21/95	02/22/95	02/22/95	02/22/95	02/22/95
Sample Depth (in feet)	0.00 - 0.50	3.00 - 3.50	0.20 - 0.80	4.50 - 5.00	0.50 - 1.00	4.50 - 5.00	0.50 - 1.00	4.00 - 4.50	0.30 - 0.90	4.50 - 5.00	0.30 - 0.90	4.50 - 5.00
Volatiles (in mg/kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatiles (in mg/kg)												
1,2,4-TRICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--	--	--	--	--	--	--	--	--
3-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHENE	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHYLENE	--	--	--	--	--	--	--	--	--	--	--	--
ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 6A: Soil Analytical Results

Point ID	S02-01	S02-01	S02-02	S02-02	S02-03	S02-03	S02-04	S02-04	S02-05	S02-05	S02-06	S02-06
Sample ID	S02SS017	S02SS018	S02SS004	S02SS005	S02SS001	S02SS006	S02SS002	S02SS003	S02SS007	S02SS008	S02SS009	S02SS010
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/11/95	02/21/95	02/21/95	02/21/95	02/22/95	02/21/95	02/21/95	02/22/95	02/22/95	02/22/95	02/22/95
Sample Depth (in feet)	0.00 - 0.50	3.00 - 3.50	0.20 - 0.80	4.50 - 5.00	0.50 - 1.00	4.50 - 5.00	0.50 - 1.00	4.00 - 4.50	0.30 - 0.90	4.50 - 5.00	0.30 - 0.90	4.50 - 5.00
Semivolatiles (in mg/kg)												
BENZO(K)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
BUTYLBENZYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
CARBAZOLE	--	--	--	--	--	--	--	--	--	--	--	--
CHRYSENE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-BUTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-OCTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZOFURAN	--	--	--	--	--	--	--	--	--	--	--	--
DIETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIMETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
ISOPHORONE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	--	--	--	--	--	--	--	--	--	--	--	--
NAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
NITROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PHENANTHRENE	--	--	--	--	--	--	--	--	--	--	--	--
PHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/kg)												
DIESEL	12 U	7 J	11 U	12 U	12 U	12 U	12 U	12 U	61 U	12 U	300 U	12 U
GASOLINE	0.6 U	0.6 U	0.6 U	0.6 U	0.6 UJ	0.6 U	0.6 U	0.6 UJ	0.6 U	0.6 U	0.6 U	0.6 U
MOTOR OIL	20	12 U	9 J	12 U	27	12 U	36	12 U	680	12 U	3,400	25
CLP Metals (in mg/kg)												
ALUMINUM	8,570	10,300	9,420	8,430	9,420	7,810	8,670	8,090	10,000	9,540	13,700	10,200
ANTIMONY	0.45 UJ	0.46 UJ	0.34 UJ	0.36 UJ	0.37 UJ	0.44 U	0.51 U	0.36 U	0.36 UJ	0.36 UJ	1.7 U	0.38 U
ARSENIC	3.7 *	3.2 *	2.6 *	3.3 *	3.8 *	2.3 *	2.3 *	3.8 *	3.5 *	2.2 *	14.3 *!	2.0 *

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Table 6A: Soil Analytical Results

Point ID	S02-01	S02-01	S02-02	S02-02	S02-03	S02-03	S02-04	S02-04	S02-05	S02-05	S02-06	S02-06
Sample ID	S02SS017	S02SS018	S02SS004	S02SS005	S02SS001	S02SS006	S02SS002	S02SS003	S02SS007	S02SS008	S02SS009	S02SS010
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/11/95	02/21/95	02/21/95	02/21/95	02/22/95	02/21/95	02/21/95	02/22/95	02/22/95	02/22/95	02/22/95
Sample Depth (in feet)	0.00 - 0.50	3.00 - 3.50	0.20 - 0.80	4.50 - 5.00	0.50 - 1.00	4.50 - 5.00	0.50 - 1.00	4.00 - 4.50	0.30 - 0.90	4.50 - 5.00	0.30 - 0.90	4.50 - 5.00
CLP Metals (in mg/Kg)												
BARIUM	137	89.5	142	229	163	80.2	154	83.5	165	211	145	117
BERYLLIUM	0.030 U	0.050 U	0.090 U	0.10 U	0.25 U	0.15 U	0.23 U	0.15 U	0.18 U	0.31 *	0.020 U	0.25 U
CADMIUM	0.16 U	0.020 U	0.040 U	0.050 U	0.050 U	0.050 U	0.20 U	0.050 U	0.18 U	0.950 U	3.0 !	0.050 U
CALCIUM	6,790	2,800	10,900	16,800	4,950	11,300	4,280	14,500	15,100	4,210	5,690	4,640
CHROMIUM	23.0	26.9	25.2	22.8	20.4	19.7	18.5	22.1	26.7	16.7	53.8	21.3
COBALT	11.3	9.9	10.7	14.2	10.5	7.1	8.5	9.9	11.2	16.2	15.4	7.8
COPPER	29.1	23.1	25.1	17.4	25.7	15.3	36.4 !	12.6	33.7	17.7	56.4 !	24.0
IRON	14,900	14,900	12,500	13,400	11,900	10,100	10,400	11,600	14,600	9,350	22,700	11,600
LEAD	12.1	5.3	8.0	5.8	21.7	4.8	25.1	4.8	23.5	6.7	334 #!	7.8
MAGNESIUM	5,160	4,520	5,760	5,780	4,300	6,410	3,800	4,470	5,710	4,630	6,270	4,250
MANGANESE	423	180	423	647	425	198	325	264	449	768	713	256
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.10	0.060 U
MOLYBDENUM	0.19 U	0.19 U	0.49 U	0.53 U	0.55 U	0.51 U	0.54 U	0.52 U	0.53 U	0.53 U	0.52 U	0.51 U
NICKEL	35.4 !	26.8 !	33.9 !	51.5 !	28.6 !	25.5 !	29.5 !	30.8 !	44.4 !	24.6 !	43.6 !	22.5 !
POTASSIUM	1,240 J	1,160 J	1,060 J	1,140 J	1,090 J	1,070 J	884 J	1,100 J	1,750 J	776 J	1,690 J	1,140 J
SELENIUM	0.83 U	0.85 U	0.47 U	0.50 U	0.52 U	0.49 U	0.52 U	0.49 U	0.51 U	0.51 U	0.50 U	0.49 U
SILVER	0.12 U	0.12 U	0.13 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U
SODIUM	59.1 U	82.4 U	110	305	247	222	159	103	121	215	251	154
THALLIUM	0.36 U	0.36 U	0.45 U	0.57	0.50 U	0.47 U	0.49 U	0.47 U	0.49 U	0.49 U	0.97	0.47 U
VANADIUM	39.5	38.4	27.5	32.2	25.9	23.5	23.2	21.2	30.5	23.1	63.1	23.3
ZINC	60.6	37.7	47.0	35.8	69.3	30.1	106	27.7	71.0	27.1	529 #!	33.7
Anions, Solids, Sulfides, and TOC (in mg/kg)												
CHLORIDE	4.0 U	4.0 U	49.9	52.6	51.4	355	48.2	52.0	369	90.6	561	590
NITRATE	2.0 U	2.0 U	8.3	8.0	9.1	13.6	8.2	7.4	14.1	7.0	12.3	8.5
NITRITE	3.0 U	3.0 U	3.4 U	3.6 U	3.7 U	3.5 U	3.7 U	3.5 U	3.6 U	0.36 U	3.5 U	3.5 U
PHOSPHATE	5.0 U	5.0 U	5.6 U	6.0 U	6.2 U	5.8 U	6.2 U	5.9 U	22.9	2.7	16.3	5.8 U
SULFATE	5.0 U	15.6	75.3	75.6	66.7	322	70.6	65.8	348	134	508	508
Percent Moisture (percent)												
PERCENT MOISTURE	--	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous												
ALKALINITY	222	138	279	438 J	453	328	153	307	252	293	412	261

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Naval Weapon Station Concord SWMU 02 Laboratory Sampling Report

Table 6A: Soil Analytical Results

Point ID	S02-07	S02-07	S02-08	S02-08	S02-09	S02-09	S02-09	S02-10	S02-10	S02-10	S02-11	S02-11
Sample ID	S02SS014	S02SS015	S02SS012	S02SS013	S02SS016	S02SS017A	S02SS018A	S02SS019	S02SS020	S02SS021	S02SS022	S02SS023
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/23/95	03/23/95	03/23/95	03/23/95	04/27/95	04/27/95	04/27/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.50	0.00 - 1.00	5.00 - 5.50	4.25 - 4.75	4.50 - 5.00	5.00 - 5.50	0.00 - 0.50	2.50 - 3.00	6.00 - 6.50	0.00 - 0.50	2.50 - 3.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 UJ	0.0006 UJ	0.0006 UJ	0.0005 U	0.0006 U	0.0006 U	0.0005 U	0.0006 U
ETHYLBENZENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 UJ	0.0006 UJ	0.0006 UJ	0.0005 U	0.0006 U	0.0006 U	0.0005 U	0.0006 U
TOLUENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 UJ	0.0008 J	0.0006 UJ	0.0005 U	0.0006 U	0.0006 U	0.0005 U	0.0006 U
XYLENE (TOTAL)	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 UJ	0.0006 UJ	0.0006 UJ	0.003	0.0006 U	0.0006 U	0.0005 U	0.0006
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--

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Table 6A: Soil Analytical Results

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Sample ID	S02SS014	S02SS015	S02SS012	S02SS013	S02SS016	S02SS017A	S02SS018A	S02SS019	S02SS020	S02SS021	S02SS022	S02SS023
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/23/95	03/23/95	03/23/95	03/23/95	04/27/95	04/27/95	04/27/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.50	0.00 - 1.00	5.00 - 5.50	4.25 - 4.75	4.50 - 5.00	5.00 - 5.50	0.00 - 0.50	2.50 - 3.00	6.00 - 6.50	0.00 - 0.50	2.50 - 3.00
Volatiles (in mg/Kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--	--	--	--	--	--	--	--	--
3-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHENE	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHYLENE	--	--	--	--	--	--	--	--	--	--	--	--
ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--	--	--	--	--	--	--	--	--

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Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/23/95	03/23/95	03/23/95	03/23/95	04/27/95	04/27/95	04/27/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.50	0.00 - 1.00	5.00 - 5.50	4.25 - 4.75	4.50 - 5.00	5.00 - 5.50	0.00 - 0.50	2.50 - 3.00	6.00 - 6.50	0.00 - 0.50	2.50 - 3.00
Semivolatiles (in ug/kg)												
BENZO(K)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
BUTYLBENZYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
CARBAZOLE	--	--	--	--	--	--	--	--	--	--	--	--
CHRYSENE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-BUTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-OCTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZOFURAN	--	--	--	--	--	--	--	--	--	--	--	--
DIETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIMETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
ISOPHORONE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	--	--	--	--	--	--	--	--	--	--	--	--
NAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
NITROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PHENANTHRENE	--	--	--	--	--	--	--	--	--	--	--	--
PHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/kg)												
DIESEL	13 U	12 U	9 J	12 U	12 U	12 U	25 U	50 J	11 U	11 U	26 J	12 U
GASOLINE	0.6 U	0.6 U	0.6 U	0.6 U	0.3 U	0.4 U	0.4 U	--	--	--	--	--
MOTOR OIL	13 U	12 U	24	8 J	12 U	17	130	470	11 U	9 J	220	12 U
CLP Metals (in mg/kg)												
ALUMINUM	13,900	12,500	14,600	10,800	13,300	11,000	9,630	--	--	--	--	--
ANTIMONY	0.38 U	0.56 J	0.37 U	0.35 U	0.72 J	0.40 U	0.45 U	--	--	--	--	--
ARSENIC	3.2 *	4.8 *	8.8 *	3.6 *	3.4 *	4.7 *	4.3 *	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 6A: Soil Analytical Results

Point ID	S02-07	S02-07	S02-08	S02-08	S02-09	S02-09	S02-09	S02-10	S02-10	S02-10	S02-11	S02-11
Sample ID	S02SS014	S02SS015	S02SS012	S02SS013	S02SS016	S02SS017A	S02SS018A	S02SS019	S02SS020	S02SS021	S02SS022	S02SS023
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/23/95	03/23/95	03/23/95	03/23/95	04/27/95	04/27/95	04/27/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.50	0.00 - 1.00	5.00 - 5.50	4.25 - 4.75	4.50 - 5.00	5.00 - 5.50	0.00 - 0.50	2.50 - 3.00	6.00 - 6.50	0.00 - 0.50	2.50 - 3.00
CLP Metals (in mg/kg)												
BARIUM	130 J	88.6 J	212 J	122 J	186	212	164	--	--	--	--	--
BERYLLIUM	0.030 U	0.19 U	0.15 U	0.20 U	0.50 *	0.92 *	0.48 *	--	--	--	--	--
CADMIUM	0.050 U	0.050 U	0.050 U	0.050 U	0.034 U	0.070 U	0.22 U	--	--	--	--	--
CALCIUM	7,110	21,400	4,320	5,760	5,300	5,060	4,550	--	--	--	--	--
CHROMIUM	14.9	23.0	32.6	24.1	27.7	21.7	20.9	--	--	--	--	--
COBALT	11.2	9.1	14.3	10.1	15.1	12.2	8.6	--	--	--	--	--
COPPER	20.3	21.5	33.2	22.2	20.4	29.3	32.0	--	--	--	--	--
IRON	16,100	14,900	23,500	13,700	16,400 J	14,000 J	12,000 J	--	--	--	--	--
LEAD	11.9 U	6.2 U	8.3 U	9.1 U	10.9	11.3	24.7	--	--	--	--	--
MAGNESIUM	5,870	7,210	8,820	4,160	4,570	3,800	3,710	--	--	--	--	--
MANGANESE	427 J	328 J	650 J	370 J	673	826	279	--	--	--	--	--
MERCURY	0.060 U	0.060 U	0.82 #!	0.060 U	0.030 J	0.060 J	0.040 J	--	--	--	--	--
MOLYBDENUM	0.55 U	0.52 U	0.54 U	0.52 U	0.15 U	0.24	0.19 U	--	--	--	--	--
NICKEL	15.1 J	34.8 J !	63.2 J #!	29.6 J !	46.0 !	57.3	28.3	--	--	--	--	--
POTASSIUM	803 J	1,370 J	2,520 J	1,330 J	721 J	879 J	790 J	--	--	--	--	--
SELENIUM	0.53 U	0.50 U	0.52 U	0.50 U	0.52 U	0.46 U	0.64 U	--	--	--	--	--
SILVER	0.15 U	0.14 U	0.15 U	0.14 U	0.21 UJ	0.18 UJ	0.26 UJ	--	--	--	--	--
SODIUM	408	398	293 U	110 U	68.1 J	87.5 J	117 J	--	--	--	--	--
THALLIUM	1.1	0.67	1.6	0.68	0.10 U	0.15 U	0.11 U	--	--	--	--	--
VANADIUM	49.2	42.4	51.8	35.9	50.2	36.5	28.9	--	--	--	--	--
ZINC	56.8	40.7	63.3	34.3	37.1 J	39.3 J	78.1 J	--	--	--	--	--
Anions, Solids, Sulfides, and TOC (in mg/kg)												
CHLORIDE	40.3	77.7	42.3	41.1	3.4	1.6	1.6	--	--	--	--	--
NITRATE	0.78 J	0.70 U	0.56 U	0.54 J	17.8	13.2	19.3	--	--	--	--	--
NITRITE	3.0 U	3.0 U	3.0 U	3.0 U	0.30 UJ	0.30 UJ	0.30 UJ	--	--	--	--	--
PHOSPHATE	0.50 U	1.2	1.5	1.0	0.98 J	0.50 UJ	3.8 J	--	--	--	--	--
SULFATE	87.7	56.4	78.2	43.4	11.5	7.3	10.1	--	--	--	--	--
Percent Moisture (percent)												
PERCENT MOISTURE	--	--	--	--	19.0	17.0	19.0	--	--	--	--	--
Miscellaneous												
ALKALINITY	232	241	143	187	670	525	512	--	--	--	--	--

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Table 6A: Soil Analytical Results

Point ID	S02-11	S02-12	S02-12	S02-12	S02-13	S02-13	S02-13	S02-14	S02-14	S02-14
Sample ID	S02SS024	S02SS025	S02SS026	S02SS027	S02SS028	S02SS029	S02SS030	S02SS031	S02SS032	S02SS033
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	6.50 - 7.00	0.50 - 1.50	2.50 - 3.50	6.50 - 7.50	0.00 - 0.50	2.00 - 2.50	6.00 - 6.50	0.00 - 0.50	2.00 - 2.90	7.00 - 7.80
Aromatic Volatiles (in mg/Kg)										
BENZENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
ETHYLBENZENE	0.0006 U	0.0009	0.0006	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
TOLUENE	0.0008	0.002	0.0006 U	0.0009	0.0008	0.002	0.0006 U	0.0008	0.0008	0.0006 U
XYLENE (TOTAL)	0.0006 U	0.008	0.0006 U	0.001	0.0006 U	0.002	0.0006 U	0.002	0.0007	0.0006 U
Volatiles (in mg/kg)										
1,1,1-TRICHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	0.01 U	--	0.01 U	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
2-BUTANONE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
2-HEXANONE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
ACETONE	--	0.01 U	--	0.02 U	--	--	--	--	--	--
BENZENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
BROMOFORM	--	0.01 U	--	0.01 U	--	--	--	--	--	--
BROMOMETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CARBON DISULFIDE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CHLOROBENZENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CHLOROETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CHLOROFORM	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CHLOROMETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
ETHYLBENZENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
METHYLENE CHLORIDE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
STYRENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
TETRACHLOROETHENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
TOLUENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
TRICHLOROETHENE	--	0.01 U	--	0.01 U	--	--	--	--	--	--
VINYL CHLORIDE	--	0.01 U	--	0.01 U	--	--	--	--	--	--

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Naval Weapon Station Concord SWMU 02 Laboratory Sampling Report

Table 6A: Soil Analytical Results

Point ID	S02-11	S02-12	S02-12	S02-12	S02-13	S02-13	S02-13	S02-14	S02-14	S02-14
Sample ID	S02SS024	S02SS025	S02SS026	S02SS027	S02SS028	S02SS029	S02SS030	S02SS031	S02SS032	S02SS033
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	6.50 - 7.00	0.50 - 1.50	2.50 - 3.50	6.50 - 7.50	0.00 - 0.50	2.00 - 2.50	6.00 - 6.50	0.00 - 0.50	2.00 - 2.90	7.00 - 7.80
Volatiles (in ug/Kg)										
XYLENE (TOTAL)	--	0.01 U	--	0.01 U	--	--	--	--	--	--
Semivolatiles (in mg/Kg)										
1,2,4-TRICHLOROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
1,3-DICHLOROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
1,4-DICHLOROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	0.4 U	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	0.9 U	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	0.9 U	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	0.4 U	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	0.4 U	--	--	--	--	--	--	--	--
2-CHLORONAPETHALENE	--	0.4 U	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	0.4 U	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
2-NITROANILINE	--	0.9 U	--	--	--	--	--	--	--	--
2-NITROPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	0.4 UJ	--	--	--	--	--	--	--	--
3-NITROANILINE	--	0.9 U	--	--	--	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	0.9 U	--	--	--	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	--	0.4 U	--	--	--	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
4-CHLOROANILINE	--	0.4 U	--	--	--	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	--	0.4 U	--	--	--	--	--	--	--	--
4-METHYLPHENOL	--	0.4 U	--	--	--	--	--	--	--	--
4-NITROANILINE	--	0.9 U	--	--	--	--	--	--	--	--
4-NITROPHENOL	--	0.9 U	--	--	--	--	--	--	--	--
ACENAPHTHENE	--	0.4 U	--	--	--	--	--	--	--	--
ACENAPHTHYLENE	--	0.4 U	--	--	--	--	--	--	--	--
ANTHRACENE	--	0.4 U	--	--	--	--	--	--	--	--
BENZO(A)ANTHRACENE	--	0.4 U	--	--	--	--	--	--	--	--
BENZO(A)PYRENE	--	0.4 UJ	--	--	--	--	--	--	--	--
BENZO(B)FLUORANTHENE	--	0.4 UJ	--	--	--	--	--	--	--	--
BENZO(G,H,I)PERYLENE	--	0.4 UJ	--	--	--	--	--	--	--	--

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Naval Weapon Station Concord SWMU 02 Laboratory Sampling Report

Table 6A: Soil Analytical Results

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Sample ID	S02SS024	S02SS025	S02SS026	S02SS027	S02SS028	S02SS029	S02SS030	S02SS031	S02SS032	S02SS033
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	6.50 - 7.00	0.50 - 1.50	2.50 - 3.50	6.50 - 7.50	0.00 - 0.50	2.00 - 2.50	6.00 - 6.50	0.00 - 0.50	2.00 - 2.90	7.00 - 7.80
Semivolatiles (in mg/Kg)										
BENZO(K)FLUORANTHENE	--	0.4 UJ	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	0.4 U	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	0.4 U	--	--	--	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	0.4 U	--	--	--	--	--	--	--	--
BUTYLBENZYLPHTHALATE	--	0.4 U	--	--	--	--	--	--	--	--
CARBAZOLE	--	0.4 U	--	--	--	--	--	--	--	--
CHRYSENE	--	0.4 U	--	--	--	--	--	--	--	--
DI-N-BUTYLPHTHALATE	--	0.4 U	--	--	--	--	--	--	--	--
DI-N-OCTYLPHTHALATE	--	0.4 UJ	--	--	--	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	--	0.4 UJ	--	--	--	--	--	--	--	--
DIBENZOFURAN	--	0.4 U	--	--	--	--	--	--	--	--
DIETHYLPHTHALATE	--	0.4 U	--	--	--	--	--	--	--	--
DIMETHYLPHTHALATE	--	0.4 U	--	--	--	--	--	--	--	--
FLUORANTHENE	--	0.4 U	--	--	--	--	--	--	--	--
FLUORENE	--	0.4 U	--	--	--	--	--	--	--	--
HEXACHLOROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
HEXACHLOROBUTADIENE	--	0.4 U	--	--	--	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	0.4 U	--	--	--	--	--	--	--	--
HEXACHLOROETHANE	--	0.4 U	--	--	--	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	0.4 UJ	--	--	--	--	--	--	--	--
ISOPHORONE	--	0.4 U	--	--	--	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	0.4 U	--	--	--	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	--	0.4 U	--	--	--	--	--	--	--	--
NAPHTHALENE	--	0.4 U	--	--	--	--	--	--	--	--
NITROBENZENE	--	0.4 U	--	--	--	--	--	--	--	--
PENTACHLOROPHENOL	--	0.9 U	--	--	--	--	--	--	--	--
PHENANTHRENE	--	0.4 U	--	--	--	--	--	--	--	--
PHENOL	--	0.4 U	--	--	--	--	--	--	--	--
PYRENE	--	0.4 U	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/Kg)										
DIESEL	12 U	7 J	11 U	12 U	11 U	130	11 U	16 J	8 J	13 J
GASOLINE	--	--	--	--	--	--	--	--	--	--
MOTOR OIL	12 U	33	14	12 U	27	1,100	11 U	150	27	11 U
CLP Metals (in mg/Kg)										
ALUMINUM	--	7,730	--	8,510	--	--	--	--	--	--
ANTIMONY	--	0.66 UJ	--	0.69 UJ	--	--	--	--	--	--
ARSENIC	--	4.5 *	--	2.4 *	--	--	--	--	--	--

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Table 6A: Soil Analytical Results

Point ID	S02-11	S02-12	S02-12	S02-12	S02-13	S02-13	S02-13	S02-14	S02-14	S02-14
Sample ID	S02SS024	S02SS025	S02SS026	S02SS027	S02SS028	S02SS029	S02SS030	S02SS031	S02SS032	S02SS033
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	6.50 - 7.00	0.50 - 1.50	2.50 - 3.50	6.50 - 7.50	0.00 - 0.50	2.00 - 2.50	6.00 - 6.50	0.00 - 0.50	2.00 - 2.90	7.00 - 7.80
Elf Metals (in mg/Kg)										
BARIUM	--	162	--	142	--	--	--	--	--	--
BERYLLIUM	--	0.26 *	--	0.23 *	--	--	--	--	--	--
CADMIUM	--	0.38	--	0.050 U	--	--	--	--	--	--
CALCIUM	--	4,310	--	3,880	--	--	--	--	--	--
CHROMIUM	--	17.8	--	24.2	--	--	--	--	--	--
COBALT	--	8.6	--	12.2	--	--	--	--	--	--
COPPER	--	20.6	--	13.1	--	--	--	--	--	--
IRON	--	9,710	--	13,300	--	--	--	--	--	--
LEAD	--	13.8	--	5.9	--	--	--	--	--	--
MAGNESIUM	--	2,620	--	4,470	--	--	--	--	--	--
MANGANESE	--	353 J	--	437 J	--	--	--	--	--	--
MERCURY	--	0.050 UJ	--	0.060 UJ	--	--	--	--	--	--
MOLYBDENUM	--	0.26 U	--	0.28 U	--	--	--	--	--	--
NICKEL	--	21.6 !	--	30.3 !	--	--	--	--	--	--
POTASSIUM	--	927 J	--	1,280 J	--	--	--	--	--	--
SELENIUM	--	0.85 U	--	0.90 U	--	--	--	--	--	--
SILVER	--	0.15 U	--	0.16 U	--	--	--	--	--	--
SODIUM	--	102	--	84.3	--	--	--	--	--	--
THALLIUM	--	0.42 U	--	0.44 U	--	--	--	--	--	--
VANADIUM	--	26.2	--	27.0	--	--	--	--	--	--
ZINC	--	36.1	--	33.7	--	--	--	--	--	--
Anions, Solids, Sulfides, and TOC (in mg/Kg)										
CHLORIDE	--	--	--	--	--	--	--	--	--	--
NITRATE	--	--	--	--	--	--	--	--	--	--
NITRITE	--	--	--	--	--	--	--	--	--	--
PHOSPHATE	--	--	--	--	--	--	--	--	--	--
SULFATE	--	--	--	--	--	--	--	--	--	--
Percent Moisture (percent)										
PERCENT MOISTURE	--	--	--	--	--	--	--	--	--	--
Miscellaneous										
ALKALINITY	--	--	--	--	--	--	--	--	--	--

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Table 6B: Groundwater Analytical Results

Point ID	S02-10	S02-14
Sample ID	S02GW003	S02GW004
Matrix	WATER	WATER
Sample Date	10/12/95	10/12/95
Aromatic Volatiles (in µg/L)		
BENZENE	0.5 U	0.5 U
ETHYLBENZENE	0.6 J	0.5 U
TOLUENE	1 J	0.8 J
XYLENE (TOTAL)	3 J	0.7 J
Volatiles (in µg/L)		
1,1,1-TRICHLOROETHANE	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U
1,2-DICHLOROPROPANE	10 U	10 U
2-BUTANONE	10 U	10 U
2-HEXANONE	10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U
ACETONE	10 U	10 U
BENZENE	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U
BROMOFORM	10 U	10 U
BROMOMETHANE	10 U	10 U
CARBON DISULFIDE	10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U
CHLOROBENZENE	10 U	10 U
CHLOROETHANE	10 U	10 U
CHLOROFORM	10 U	10 U
CHLOROMETHANE	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U
ETHYLBENZENE	10 U	10 U
METHYLENE CHLORIDE	10 U	10 U
STYRENE	10 U	10 U
TETRACHLOROETHENE	10 U	10 U
TOLUENE	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U
TRICHLOROETHENE	10 U	10 U
VINYL CHLORIDE	10 U	10 U
XYLENE (TOTAL)	10 U	10 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Naval Weapon Station Concord SWMU 02 Laboratory Sampling Report

Table 6B: Groundwater Analytical Results

Point ID	S02-10	S02-14
Sample ID	S02GW003	S02GW004
Matrix	WATER	WATER
Sample Date	10/12/95	10/12/95
Petroleum Indicators (in ug/L)		
DIESEL	68 J	100 U
MOTOR OIL	120 J	86 J

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Naval Weapon Station Concord SWMU 05 Laboratory Sampling Report

Table 7A: Soil Analytical Results

Point ID	S05-01	S05-01	S05-01	S05-01	S05-02	S05-02	S05-02	S05-02	S05-02	S05-03	S05-03	S05-03
Sample ID	S05SS027	S05SS028	S05SS029	S05SS030	S05SS007	S05SS008	S05SS009	S05SS010	S05SS011	S05SS020	S05SS021	S05SS022
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/10/95	03/10/95	03/10/95	03/10/95	03/02/95	03/02/95	03/02/95	03/02/95	03/02/95	03/08/95	03/08/95	03/08/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	5.50 - 6.50	10.00 - 11.00	15.50 - 16.50
Aromatic Volatiles (in mg/Kg)												
BENZENE	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.1 U	0.0006 U	--	--	--
ETHYLBENZENE	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.1 U	0.0006 U	--	--	--
TOLUENE	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.1 U	0.0006 U	--	--	--
XYLENE (TOTAL)	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.1 U	0.0006 U	--	--	--
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
2-BUTANONE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
2-HEXANONE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
ACETONE	--	--	--	--	--	--	--	--	--	0.02 U	0.03 U	0.02 U
BENZENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
BROMOFORM	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
BROMOMETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CHLOROETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CHLOROFORM	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
STYRENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
TOLUENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U

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Table 7A: Soil Analytical Results

Point ID	S05-01	S05-01	S05-01	S05-01	S05-02	S05-02	S05-02	S05-02	S05-02	S05-03	S05-03	S05-03
Sample ID	S05SS027	S05SS028	S05SS029	S05SS030	S05SS007	S05SS008	S05SS009	S05SS010	S05SS011	S05SS020	S05SS021	S05SS022
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/10/95	03/10/95	03/10/95	03/10/95	03/02/95	03/02/95	03/02/95	03/02/95	03/02/95	03/08/95	03/08/95	03/08/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	5.50 - 6.50	10.00 - 11.00	15.50 - 16.50
Volatiles (in mg/Kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
1,4-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
2-NITROANILINE	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
2-NITROPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
3-NITROANILINE	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
4-NITROANILINE	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
4-NITROPHENOL	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
ACENAPHTHENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
ANTHRACENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U

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Table 7A: Soil Analytical Results

Point ID	S05-01	S05-01	S05-01	S05-01	S05-02	S05-02	S05-02	S05-02	S05-02	S05-03	S05-03	S05-03
Sample ID	S05SS027	S05SS028	S05SS029	S05SS030	S05SS007	S05SS008	S05SS009	S05SS010	S05SS011	S05SS020	S05SS021	S05SS022
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/10/95	03/10/95	03/10/95	03/10/95	03/02/95	03/02/95	03/02/95	03/02/95	03/02/95	03/08/95	03/08/95	03/08/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	5.50 - 6.50	10.00 - 11.00	15.50 - 16.50
Semivolatiles (in mg/Kg)												
BENZO(K)FLUORANTHENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
CARBAZOLE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
CHRYSENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
FLUORANTHENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
FLUORENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
ISOPHORONE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
NAPHTHALENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
NITROBENZENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	--	--	--	--	--	--	--	--	--	1 U	1 U	1 U
PHENANTHRENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
PHENOL	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
PYRENE	--	--	--	--	--	--	--	--	--	0.4 U	0.4 U	0.4 U
Petroleum Indicators(in mg/Kg)												
DIESEL	--	--	--	--	12 U	12 U	12 U	290	12 U	12 U	11 U	12 U
GASOLINE	--	--	--	--	0.6 U	0.6 UJ	0.6 U	14 U	0.6 U	--	--	--
MOTOR OIL	--	--	--	--	7 J	7 J	7 J	29 U	6 J	8 J	11 U	12 U
CLP Metals (in mg/Kg)												
ALUMINUM	12,600	8,370	8,470	14,100	--	--	--	--	--	9,610	9,530	15,700
ANTIMONY	0.58 U	0.35 UJ	0.44 J	0.35 UJ	--	--	--	--	--	0.37 UJ	0.41 U	0.35 UJ
ARSENIC	6.4 *	2.9 *	2.9 *	4.1 *	--	--	--	--	--	4.2 *	3.8 *	4.8 *

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Table 7A: Soil Analytical Results

Point ID	S05-01	S05-01	S05-01	S05-01	S05-02	S05-02	S05-02	S05-02	S05-02	S05-03	S05-03	S05-03
Sample ID	S05SS027	S05SS028	S05SS029	S05SS030	S05SS007	S05SS008	S05SS009	S05SS010	S05SS011	S05SS020	S05SS021	S05SS022
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/10/95	03/10/95	03/10/95	03/10/95	03/02/95	03/02/95	03/02/95	03/02/95	03/02/95	03/08/95	03/08/95	03/08/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	5.50 - 6.50	10.00 - 11.00	15.50 - 16.50
CLP Metals (in mg/Kg)												
BARIUM	88.0	106	134	196	--	--	--	--	--	93.4	140	183
BERYLLIUM	0.23 U	0.11 U	0.11 U	0.25 U	--	--	--	--	--	0.17 U	0.16 U	0.21 U
CADMIUM	0.050 U	0.050 U	0.050 U	0.050 U	--	--	--	--	--	0.050 U	0.050 U	0.050 U
CALCIUM	8,250	2,130	2,390	4,560	--	--	--	--	--	14,300	2,480	3,250
CHROMIUM	24.1	20.4	20.1	29.6	--	--	--	--	--	19.7	23.4	35.3
COBALT	13.1	9.3	11.4	16.3	--	--	--	--	--	11.1	11.4	12.6
COPPER	23.9	13.0	16.5	26.1	--	--	--	--	--	22.8	16.4	23.6
IRON	29,700	13,000	13,900	19,000	--	--	--	--	--	19,900	15,500	20,600
LEAD	7.4	4.9	6.2	7.5	--	--	--	--	--	5.8 U	6.2 U	7.6 J
MAGNESIUM	11,100	3,480	3,650	5,840	--	--	--	--	--	7,540	4,330	5,550
MANGANESE	288	270 J	517 J	1,050 J	--	--	--	--	--	323	511	555
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	--	--	--	--	--	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.53 U	0.51 U	0.51 U	0.52 U	--	--	--	--	--	0.54 U	0.50 U	0.52 UJ
NICKEL	16.1	24.6 !	25.7 !	53.1 #!	--	--	--	--	--	13.0	33.0 !	49.6 !
POTASSIUM	3,800 J	972 J	1,240 J	3,660 J	--	--	--	--	--	2,250 J	1,170 J	2,220 J
SELENIUM	0.50 U	0.48 U	0.49 U	0.50 U	--	--	--	--	--	0.52 U	0.47 U	0.49 U
SILVER	0.14 U	0.14 U	0.14 U	0.14 U	--	--	--	--	--	0.15 U	0.14 U	0.14 U
SODIUM	122 U	441	294	366	--	--	--	--	--	106 U	458	481
THALLIUM	0.82 U	0.46 U	0.46 U	0.47 U	--	--	--	--	--	0.49 U	0.61 U	0.52 U
VANADIUM	51.6	31.8	36.6	42.6	--	--	--	--	--	36.1	37.6	49.3
ZINC	73.6	30.6	33.5	48.6	--	--	--	--	--	56.5	36.3	47.7 J
Miscellaneous												
OIL & GREASE	--	--	--	--	--	--	--	--	--	78	28 U	78
PH	9.5	8.5	9	8.4	--	--	--	--	--	8.6	8.5	8.4

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Table 7A: Soil Analytical Results

Point ID	S05-03	S05-04	S05-04	S05-04	S05-04	S05-05	S05-05	S05-06	S05-06	S05-07	S05-07	S05-08
Sample ID	S05SS024	S05SS013	S05SS014	S05SS016	S05SS017	S05SS003	S05SS004	S05SS005	S05SS006	S05SS001	S05SS002	S05SS034
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/06/95	03/06/95	03/06/95	03/06/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	03/17/95
Sample Depth (in feet)	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	0.00 - 0.50	6.00 - 6.50	1.00 - 1.50	6.00 - 6.50	1.00 - 1.50	5.50 - 6.00	0.50 - 1.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	--	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.0006 U	--	--	--
ETHYLBENZENE	--	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.0006 U	--	--	--
TOLUENE	--	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.0006 U	--	--	--
XYLENE (TOTAL)	--	--	--	--	--	0.0006 U	0.0006 U	0.0006 U	0.0006 U	--	--	--
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.003 J	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
ACETONE	0.02 U	0.04 U	0.03 U	0.03 U	0.03 U	--	--	--	--	--	--	--
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--

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Table 7A: Soil Analytical Results

Point ID	S05-03	S05-04	S05-04	S05-04	S05-04	S05-05	S05-05	S05-06	S05-06	S05-07	S05-07	S05-08
Sample ID	S05SS024	S05SS013	S05SS014	S05SS016	S05SS017	S05SS003	S05SS004	S05SS005	S05SS006	S05SS001	S05SS002	S05SS034
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/06/95	03/06/95	03/06/95	03/06/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	03/17/95
Sample Depth (in feet)	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	0.00 - 0.50	6.00 - 6.50	1.00 - 1.50	6.00 - 6.50	1.00 - 1.50	5.50 - 6.00	0.50 - 1.00
Volatiles (in mg/KG)												
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--	--	--
Semivolatiles (in mg/KG)												
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,4-DINITROPHENOL	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
2-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
3-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
4-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
4-NITROPHENOL	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--

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Sample ID	S05SS024	S05SS013	S05SS014	S05SS016	S05SS017	S05SS003	S05SS004	S05SS005	S05SS006	S05SS001	S05SS002	S05SS034
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/06/95	03/06/95	03/06/95	03/06/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	03/17/95
Sample Depth (in feet)	20.50 - 21.50	5.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	0.00 - 0.50	6.00 - 6.50	1.00 - 1.50	6.00 - 6.50	1.00 - 1.50	5.50 - 6.00	0.50 - 1.00
Semivolatiles (in mg/kg)												
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
PENTACHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 U	--	--	--	--	--	--	--
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
PHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	--
Petroleum Indicators (in mg/kg)												
DIESEL	11 U	11 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U	--	--	--
GASOLINE	--	--	--	--	--	--	--	--	--	--	--	--
MOTOR OIL	11 U	11 U	11 U	12 U	12 U	6 J	11 J	14	7 J	--	--	--
TCLP Metals (in mg/kg)												
ALUMINUM	7,250	13,300	10,500	8,200	10,700	--	--	--	--	7,640	8,550	9,220
ANTIMONY	0.34 UJ	0.34 U	0.38 J	0.40 J	0.45	--	--	--	--	0.38 J	0.36 UJ	0.65 J
ARSENIC	3.3 *	3.0 *	2.8 *	3.0 *	3.2 *	--	--	--	--	4.4 *	3.0 *	5.6 *

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Naval Weapon Station Concord SWMU 05 Laboratory Sampling Report

Table 7A: Soil Analytical Results

Point ID	S05-03	S05-04	S05-04	S05-04	S05-04	S05-05	S05-05	S05-06	S05-06	S05-07	S05-07	S05-08
Sample ID	S05SS024	S05SS013	S05SS014	S05SS016	S05SS017	S05SS003	S05SS004	S05SS005	S05SS006	S05SS001	S05SS002	S05SS034
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/06/95	03/06/95	03/06/95	03/06/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	02/28/95	03/17/95
Sample Depth (in feet)	20.50 - 21.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	0.00 - 0.50	6.00 - 6.50	1.00 - 1.50	6.00 - 6.50	1.00 - 1.50	5.50 - 6.00	0.50 - 1.00
CLP Metals (in mg/kg)												
BARIUM	193	161	165	88.1	129	--	--	--	--	94.6	98.0	105
BERYLLIUM	0.060 U	0.22 U	0.17 U	0.080 U	0.16 U	--	--	--	--	0.23 U	0.21 U	0.16 U
CADMIUM	0.050 U	0.050 U	0.040 U	0.050 U	0.050 U	--	--	--	--	0.050 U	0.050 U	0.050 U
CALCIUM	2,320	11,900	3,230	2,140	3,050	--	--	--	--	9,340	2,410	10,700
CHROMIUM	16.9	26.5	25.9	17.8	23.6	--	--	--	--	22.0	22.7	22.1
COBALT	17.2	9.7	11.4	10.7	10.9	--	--	--	--	9.4	9.9	13.7
COPPER	18.9	19.4	16.5	14.8	16.5	--	--	--	--	23.3	17.4	26.3
IRON	12,800	15,800	14,400	11,800	15,400	--	--	--	--	18,500	13,900	20,700
LEAD	6.3 U	6.4	5.8	5.3	6.0	--	--	--	--	6.6	6.7	62.9 !
MAGNESIUM	3,570	5,130	4,480	3,100	4,790	--	--	--	--	7,470	4,770	5,580
MANGANESE	993	418 J	523 J	479 J	507 J	--	--	--	--	277 J	449 J	446 J
MERCURY	0.060 U	0.060 UJ	0.060 UJ	0.060 UJ	0.060 UJ	--	--	--	--	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.50 U	0.50 U	0.49 U	0.51 U	0.51 U	--	--	--	--	0.53 U	0.53 U	0.55 U
NICKEL	30.6 !	29.6 !	34.6 !	23.6 !	38.2 !	--	--	--	--	12.6	25.5 !	16.4
POTASSIUM	1,290 J	2,730 J	1,180 J	1,075 J	1,540 J	--	--	--	--	2,200 J	1,090 J	2,010 J
SELENIUM	0.48 U	0.48 U	0.47 U	0.48 U	0.48 U	--	--	--	--	0.51 UJ	0.50 UJ	0.52 U
SILVER	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	--	--	--	--	0.14 U	0.14 U	0.15 U
SODIUM	216 U	335	513	303	345	--	--	--	--	143 J	483	237
THALLIUM	1.1 U	0.45 U	0.44 U	0.45 U	0.80	--	--	--	--	0.48 U	0.62	1.4 J
VANADIUM	37.3	37.9	35.7	33.1	37.3	--	--	--	--	32.1	38.2	41.8
ZINC	30.1	37.5	36.1	28.0	35.3	--	--	--	--	56.5	29.5 U	57.5
Miscellaneous												
OIL & GREASE	30	42	92	38	38	29 U	74	30 U	31 U	--	--	--
PH	8.4	--	--	--	--	--	--	--	--	8.8	8.7	10.4

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 7A: Soil Analytical Results

Point ID	S05-08
Sample ID	S05SS035
Matrix	SOIL
Sample Date	03/17/95
Sample Depth (in feet)	4.50 - 5.00
Aromatic Volatiles (in mg/Kg)	
BENZENE	--
ETHYLBENZENE	--
TOLUENE	--
XYLENE (TOTAL)	--
Volatiles (in mg/Kg)	
1,1,1-TRICHLOROETHANE	--
1,1,2,2-TETRACHLOROETHANE	--
1,1,2-TRICHLOROETHANE	--
1,1-DICHLOROETHANE	--
1,1-DICHLOROETHENE	--
1,2-DICHLOROETHANE	--
1,2-DICHLOROETHENE (TOTAL)	--
1,2-DICHLOROPROPANE	--
2-BUTANONE	--
2-HEXANONE	--
4-METHYL-2-PENTANONE	--
ACETONE	--
BENZENE	--
BROMODICHLOROMETHANE	--
BROMOFORM	--
BROMOMETHANE	--
CARBON DISULFIDE	--
CARBON TETRACHLORIDE	--
CHLOROBENZENE	--
CHLOROETHANE	--
CHLOROFORM	--
CHLOROMETHANE	--
CIS-1,3-DICHLOROPROPENE	--
DIBROMOCHLOROMETHANE	--
ETHYLBENZENE	--
METHYLENE CHLORIDE	--
STYRENE	--
TETRACHLOROETHENE	--
TOLUENE	--
TRANS-1,3-DICHLOROPROPENE	--
TRICHLOROETHENE	--
VINYL CHLORIDE	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed
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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.
* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 7A: Soil Analytical Results

Point ID	S05-08
Sample ID	S05SS035
Matrix	SOIL
Sample Date	03/17/95
Sample Depth (in feet)	4.50 - 5.00
Volatiles (in mg/kg)	
XYLENE (TOTAL)	--
Semivolatiles (in mg/kg)	
1,2,4-TRICHLOROBENZENE	--
1,2-DICHLOROBENZENE	--
1,3-DICHLOROBENZENE	--
1,4-DICHLOROBENZENE	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--
2,4,5-TRICHLOROPHENOL	--
2,4,6-TRICHLOROPHENOL	--
2,4-DICHLOROPHENOL	--
2,4-DIMETHYLPHENOL	--
2,4-DINITROPHENOL	--
2,4-DINITROTOLUENE	--
2,6-DINITROTOLUENE	--
2-CHLORONAPHTHALENE	--
2-CHLOROPHENOL	--
2-METHYLNAPHTHALENE	--
2-METHYLPHENOL	--
2-NITROANILINE	--
2-NITROPHENOL	--
3,3'-DICHLOROBENZIDINE	--
3-NITROANILINE	--
4,6-DINITRO-2-METHYLPHENOL	--
4-BROMOPHENYL-PHENYLETHER	--
4-CHLORO-3-METHYLPHENOL	--
4-CHLOROANILINE	--
4-CHLOROPHENYL-PHENYLETHER	--
4-METHYLPHENOL	--
4-NITROANILINE	--
4-NITROPHENOL	--
ACENAPHTHENE	--
ACENAPHTHYLENE	--
ANTHRACENE	--
BENZO(A)ANTHRACENE	--
BENZO(A)PYRENE	--
BENZO(B)FLUORANTHENE	--
BENZO(G,H,I)PERYLENE	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 7A: Soil Analytical Results

Point ID	S05-08
Sample ID	S05SS035
Matrix	SOIL
Sample Date	03/17/95
Sample Depth (in feet)	4.50 - 5.00
Semivolatiles (in ug/kg)	
BENZO(K)FLUORANTHENE	--
BIS(2-CHLOROETHOXY)METHANE	--
BIS(2-CHLOROETHYL)ETHER	--
BIS(2-ETHYLHEXYL)PHTHALATE	--
BUTYLBENZYLPHTHALATE	--
CARBAZOLE	--
CHRYSENE	--
DI-N-BUTYLPHTHALATE	--
DI-N-OCTYLPHTHALATE	--
DIBENZ(A,H)ANTHRACENE	--
DIBENZOFURAN	--
DIETHYLPHTHALATE	--
DIMETHYLPHTHALATE	--
FLUORANTHENE	--
FLUORENE	--
HEXACHLOROBENZENE	--
HEXACHLOROBUTADIENE	--
HEXACHLOROCYCLOPENTADIENE	--
HEXACHLOROETHANE	--
INDENO(1,2,3-CD)PYRENE	--
ISOPHORONE	--
N-NITROSO-DI-N-PROPYLAMINE	--
N-NITROSODIPHENYLAMINE (1)	--
NAPHTHALENE	--
NITROBENZENE	--
PENTACHLOROPHENOL	--
PHENANTHRENE	--
PHENOL	--
PYRENE	--
Petroleum Indicators (in mg/kg)	
DIESEL	--
GASOLINE	--
MOTOR OIL	--
CLP Metals (in mg/kg)	
ALUMINUM	8,090
ANTIMONY	0.36 UJ
ARSENIC	4.7 *

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 7A: Soil Analytical Results

Point ID	S05-08
Sample ID	S05SS035
Matrix	SOIL
Sample Date	03/17/95
Sample Depth (in feet)	4.50 - 5.00
CLP Metals (in mg/Kg)	
BARIUM	64.2
BERYLLIUM	0.20 U
CADMIUM	0.050 U
CALCIUM	8,940
CHROMIUM	15.5
COBALT	7.9
COPPER	21.9
IRON	20,200
LEAD	6.7
MAGNESIUM	8,580
MANGANESE	232 J
MERCURY	0.060 U
MOLYBDENUM	0.53 U
NICKEL	10.3
POTASSIUM	1,840 J
SELENIUM	0.50 U
SILVER	0.14 U
SODIUM	255
THALLIUM	0.48 U
VANADIUM	33.6
ZINC	50.4
Miscellaneous	
OIL & GREASE	--
PH	9

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 7B: Groundwater Analytical Results

Point ID	S05-01	S05-02	S05-03	S05-04
Sample ID	S05GW031	S05GW012	S05GW026	S05GW018
Matrix	WATER	WATER	WATER	WATER
Sample Date	03/10/95	03/02/95	03/09/95	03/06/95
Volatiles (in µg/L)				
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U	6 J	10 U
1,1-DICHLOROETHENE	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	5 J	10 U
1,2-DICHLOROPROPANE	10 U	10 U	10 U	10 U
2-BUTANONE	10 U	10 U	10 U	10 U
2-HEXANONE	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U
ACETONE	10 U	10 U	10 U	10 U
BENZENE	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U	10 U	10 U
BROMOFORM	10 U	10 U	10 U	10 U
BROMOMETHANE	10 U	10 U	10 U	10 U
CARBON DISULFIDE	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U	10 U	10 U
CHLOROBENZENE	10 U	10 U	10 U	10 U
CHLOROETHANE	10 U	10 U	10 U	10 U
CHLOROFORM	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U	10 U	10 U
ETHYLBENZENE	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	10 U	10 U	10 U	10 U
STYRENE	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	10 U	10 U	10 U	3 J
TOLUENE	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U
TRICHLOROETHENE	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10 U	10 U	10 U	10 U
XYLENE (TOTAL)	10 U	10 U	10 U	10 U
Semivolatiles (in µg/L)				
1,2,4-TRICHLOROBENZENE	10 UJ	10 U	10 U	10 U
1,2-DICHLOROBENZENE	5 UJ	5 U	5 U	5 U
1,3-DICHLOROBENZENE	5 UJ	5 U	5 U	5 U
1,4-DICHLOROBENZENE	5 UJ	5 U	5 U	5 U

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 7B: Groundwater Analytical Results

Point ID	S05-01	S05-02	S05-03	S05-04
Sample ID	S05GW031	S05GW012	S05GW026	S05GW018
Matrix	WATER	WATER	WATER	WATER
Sample Date	03/10/95	03/02/95	03/09/95	03/06/95
Semivolatiles (in µg/l)				
2,2'-OXYBIS(1-CHLOROPROPANE)	10 UJ	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 UJ	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 UJ	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 UJ	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 UJ	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 U	25 U	25 U
2,4-DINITROTOLUENE	10 UJ	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 UJ	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 UJ	10 U	10 U	10 U
2-CHLOROPHENOL	10 UJ	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 UJ	10 U	3 J	10 U
2-METHYLPHENOL	10 UJ	10 U	10 U	10 U
2-NITROANILINE	25 UJ	25 U	25 U	25 U
2-NITROPHENOL	10 UJ	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 UJ	10 U	10 U	10 U
3-NITROANILINE	25 UJ	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 UJ	25 U	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 UJ	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 UJ	10 U	10 U	10 U
4-CHLOROANILINE	10 UJ	10 U	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 UJ	10 U	10 U	10 U
4-METHYLPHENOL	10 UJ	10 U	10 U	10 U
4-NITROANILINE	25 UJ	25 U	25 U	25 U
4-NITROPHENOL	25 UJ	25 U	25 U	25 U
ACENAPHTHENE	10 UJ	10 U	10 U	10 U
ACENAPHTHYLENE	10 UJ	10 U	10 U	10 U
ANTHRACENE	10 UJ	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 UJ	10 U	10 U	10 U
BENZO(A)PYRENE	10 UJ	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 UJ	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 UJ	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 UJ	10 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 UJ	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 UJ	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	13 U	4 U	28 U	4 U
BUTYLBENZYLPHTHALATE	10 UJ	10 U	10 U	10 U
CARBAZOLE	10 UJ	10 U	10 U	10 U
CHRYSENE	10 UJ	10 U	10 U	10 U
DI-N-BUTYLPHTHALATE	10 UJ	10 U	10 U	10 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 7B: Groundwater Analytical Results

Point ID	S05-01	S05-02	S05-03	S05-04
Sample ID	S05GW031	S05GW012	S05GW026	S05GW018
Matrix	WATER	WATER	WATER	WATER
Sample Date	03/10/95	03/02/95	03/09/95	03/06/95
Semivolatiles (in µg/L)				
DI-N-OCTYLPHTHALATE	10 UJ	10 U	10 U	10 U
DIBENZ(A,H)ANTHRACENE	10 UJ	10 U	10 U	10 U
DIBENZOFURAN	10 UJ	10 U	10 U	10 U
DIETHYLPHTHALATE	10 UJ	10 U	10 U	10 U
DIMETHYLPHTHALATE	10 UJ	10 U	10 U	10 U
FLUORANTHENE	10 UJ	10 U	10 U	10 U
FLUORENE	10 UJ	10 U	10 U	10 U
HEXACHLOROBENZENE	10 UJ	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 UJ	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 UJ	10 U	10 U	10 U
HEXACHLOROETHANE	10 UJ	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 UJ	10 U	10 U	10 U
ISOPHORONE	10 UJ	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 UJ	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE (1)	10 UJ	10 U	10 U	10 U
NAPHTHALENE	10 UJ	10 U	1 J	10 U
NITROBENZENE	10 UJ	10 U	10 U	10 U
PENTACHLOROPHENOL	25 UJ	25 U	25 U	25 U
PHENANTHRENE	10 UJ	10 U	10 U	10 U
PHENOL	10 UJ	10 U	10 U	10 U
PYRENE	10 UJ	10 U	10 U	10 U
Petroleum Indicators (in µg/L)				
DIESEL	200 U	470 J	760 J	510 J
GASOLINE	50 U	50 U	32 J	73 J
MOTOR OIL	1,500 J	140 J	780 J	380 J
TAL Metals (in µg/L)				
ALUMINUM	486,000 J	102,000 J	291,000 J	165,000 J
ANTIMONY	5.9 U	1.6 U	7.8 U	3.5 J
ARSENIC	167 J αß	29.6 J	63.3 J αß	46.5 J αß
BARIUM	4,750 J	1,760 J	3,070 J	1,850 J
BERYLLIUM	7.1 J	0.32 U	1.9 U	0.28 U
CADMIUM	20.3 J αß	0.20 U	6.2 J	0.20 U
CALCIUM	253,000 J	114,000 J	280,000 J	258,000 J
CHROMIUM	1,270 J ß	275 J ß	368 J ß	459 J ß
COBALT	45.1 J	79.6 J	235 J	157 J
COPPER	1,160 J α	238 J α	810 J α	426 J α
IRON	831,000 J	153,000 J	212,000 J	235,000 J
LEAD	672 J αß	163 J αß	122 J αß	88.7 J αß

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 7B: Groundwater Analytical Results

Point ID	S05-01	S05-02	S05-03	S05-04
Sample ID	S05GW031	S05GW012	S05GW026	S05GW018
Matrix	WATER	WATER	WATER	WATER
Sample Date	03/10/95	03/02/95	03/09/95	03/06/95
CLP Metals (in µg/L)				
MAGNESIUM	331,000 J	85,300 J	217,000 J	176,000 J
MANGANESE	15,300 J	2,390 J	8,050 J	5,680 J
MERCURY	1.9 J α6	0.52 J α2	1.3 J α6	0.98 J α6
MOLYBDENUM	2.2 UJ	9.7 U	3.5 J	10.4 J
NICKEL	2,070 J α6	491 J α6	2,460 J α6	767 J α6
POTASSIUM	102,000 J	24,400 J	45,000 J	44,700 J
SELENIUM	2.1 UJ	2.1 U	2.1 UJ	2.1 U
SILVER	0.60 U	0.60 U	0.60 U	0.60 U
SODIUM	47,200 J	138,000 J	145,000 J	194,000 J
THALLIUM	13.0 J	3.8 J	17.8 J	7.3 J
VANADIUM	1,620 J	333 J	917 J	550 J
ZINC	2,620 J α6	398 J α6	2,360 J α6	410 J α6
Miscellaneous				
OIL & GREASE	5 U	5 U	5.9 J	5 U
PH	9.6 J	7.6 J	7.6 J	7.4 J

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Naval Weapon Station Concord SWMU 07 Laboratory Sampling Report

Table 8A: Soil Analytical Results

Point ID	S07-01	S07-01	S07-02	S07-02	S07-03	S07-04	S07-05	S07-06	S07-06	S07-06	S07-07	S07-07
Sample ID	S07SS028	S07SS029	S07SS019	S07SS020	S07SS027	S07SS026	S07SS025	S07SS021	S07SS022	S07SS023	S07SS013	S07SS014
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/17/95	03/17/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/02/95	03/02/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.00	1.00 - 1.50	6.00 - 6.50	0.50 - 1.00	1.00 - 1.50	1.50 - 2.00	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	6.00 - 6.50	11.00 - 11.50
Aromatic Volatiles (in mg/kg)												
BENZENE	--	--	--	--	--	--	--	--	--	--	0.06 U	0.1 U
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	0.06 U	0.1 U
TOLUENE	--	--	--	--	--	--	--	--	--	--	0.06 U	0.1 U
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	0.06 U	0.7
Volatiles (in mg/kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
ACETONE	0.04 U	0.01 UJ	0.05 U	0.03 U	0.07 U	0.04 U	0.02 U	0.03 U	0.03 U	0.03 U	--	--
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
METHYLENE CHLORIDE	0.01 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Naval Weapon Station Concord SWMU 07 Laboratory Sampling Report

Table 8A: Soil Analytical Results

Point ID	S07-01	S07-01	S07-02	S07-02	S07-03	S07-04	S07-05	S07-06	S07-06	S07-06	S07-07	S07-07
Sample ID	S07SS028	S07SS029	S07SS019	S07SS020	S07SS027	S07SS026	S07SS025	S07SS021	S07SS022	S07SS023	S07SS013	S07SS014
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/17/95	03/17/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/03/95	03/02/95	03/02/95
Sample Depth (in feet)	0.50 - 1.00	4.50 - 5.00	1.00 - 1.50	6.00 - 6.50	0.50 - 1.00	1.00 - 1.50	1.50 - 2.00	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	6.00 - 6.50	11.00 - 11.50
Volatiles (in mg/Kg)												
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	--
Petroleum Indicators (in mg/Kg)												
DIESEL	--	--	--	--	--	--	--	--	--	--	520	2,300
GASOLINE	--	--	--	--	--	--	--	--	--	--	6 U	14 U
MOTOR OIL	--	--	--	--	--	--	--	--	--	--	30 U	290 U
CAM Metals (in mg/Kg)												
ALUMINUM	8,090	10,300	11,900	19,300	10,200	8,760	8,670	12,900	13,400	14,400	--	--
ANTIMONY	0.41 J	5.6 J	0.36 UJ	0.55 U	0.38 UJ	0.37 UJ	0.36 UJ	0.35 UJ	0.41 U	0.37 UJ	--	--
ARSENIC	3.7 *	2.3 J *	4.6 *	5.8 *	4.9 *	4.3 *	3.7 *	4.2 *	5.6 *	5.1 *	--	--
BARIUM	79.3	104	111	263	95.4	119	97.7	207	180	172	--	--
BERYLLIUM	0.10 U	0.090 U	0.26 U	0.23 U	0.12 U	0.13 U	0.060 U	0.080 U	0.020 U	0.020 U	--	--
CADMIUM	0.050 U	0.14 J	0.050 U	0.050 U	0.050 U	0.050 U	0.10	0.050 U	0.050 U	0.050 U	--	--
CALCIUM	16,800	24,900	6,340	10,500	8,030 J	9,590 J	20,700 J	4,160 J	6,820 J	5,360 J	--	--
CHROMIUM	16.3	30.0	22.0	42.7	19.7	16.6	19.6	33.6	37.7	49.2	--	--
COBALT	7.8	10.8	11.9	18.5	10.6	9.4	9.1	14.6	18.0	23.3	--	--
COPPER	19.9	27.2	30.1	46.9 !	25.7	25.1	23.1	33.0	44.6 !	54.2 !	--	--
IRON	16,200	17,400	24,400	30,100	22,000	21,200	18,800	21,400	24,900	30,300	--	--
LEAD	15.2	375 *#	7.3	10.0	6.8	6.6	25.0	8.1	8.7	8.6	--	--
MAGNESIUM	8,480	6,010	7,780	11,600	7,340	6,890	6,350	7,020	8,570	14,700	--	--
MANGANESE	202 J	202 J	325	805	296	255	284	602	675	827	--	--
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	--	--
MOLYBDENUM	0.54 U	0.55 UJ	0.52 U	0.54 U	0.56 U	0.54 U	0.53 U	0.52 U	0.53 U	0.54 U	--	--
NICKEL	9.9	2,160 *#	14.7 U	69.0 #!	12.7	14.0	15.5	59.9 #!	77.0 #!	134 #!	--	--
POTASSIUM	3,310 J	5,720 J	3,090	4,150	2,290 J	2,460 J	2,130 J	2,750 J	2,310 J	1,750 J	--	--
SELENIUM	0.52 U	0.53 UJ	0.50 U	0.51 U	0.53 UJ	0.51 UJ	0.50 UJ	0.49 UJ	0.50 UJ	0.52 UJ	--	--
SILVER	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U	--	--
SODIUM	194	233	204 U	396 U	325	399	222	364	298	309	--	--
THALLIUM	0.89 J	0.79 J	0.47 U	0.87	0.51 U	0.69	0.74	0.47 U	0.78	1.3	--	--
VANADIUM	35.1	40.6	43.3	64.5	41.8	37.5	40.0	50.8	59.8	72.0	--	--
ZINC	51.7	210 *	69.7	83.0	60.2	58.8	57.0	54.2	56.7	70.9	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 8A: Soil Analytical Results

Point ID	S07-07	S07-07	S07-07	S07-08	S07-08	S07-08	S07-08	S07-08	S07-09	S07-09	S07-09	S07-09
Sample ID	S07SS015	S07SS016	S07SS017	S07SS006	S07SS007	S07SS008	S07SS009	S07SS010	S07SS001	S07SS002	S07SS003	S07SS004
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/02/95	03/02/95	03/02/95	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95	02/28/95	02/28/95	02/28/95	02/28/95
Sample Depth (in feet)	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	20.50 - 21.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	0.3 U	0.6 U	0.6 U	0.001	0.0006 U	0.001	0.03	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
ETHYLBENZENE	0.3 U	0.6 U	0.6 U	0.0006 U	0.0006 U	0.002	0.001 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
TOLUENE	0.3 U	0.6 U	0.6 U	0.0006 U	0.0006 U	0.003	0.03	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U
XYLENE (TOTAL)	0.9	0.6 U	1	0.0007	0.0006 U	0.01	0.08	0.0007	0.0007	0.0006 U	0.003	0.002
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Naval Weapon Station Concord SWMU 07 Laboratory Sampling Report

Table 8A: Soil Analytical Results

Point ID	S07-07	S07-07	S07-07	S07-08	S07-08	S07-08	S07-08	S07-08	S07-09	S07-09	S07-09	S07-09
Sample ID	S07SS015	S07SS016	S07SS017	S07SS006	S07SS007	S07SS008	S07SS009	S07SS010	S07SS001	S07SS002	S07SS003	S07SS004
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/02/95	03/02/95	03/02/95	03/01/95	03/01/95	03/01/95	03/01/95	03/01/95	02/28/95	02/28/95	02/28/95	02/28/95
Sample Depth (in feet)	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	21.00 - 21.50	26.00 - 26.50	6.00 - 6.50	11.00 - 11.50	16.00 - 16.50	20.50 - 21.00
Volatiles (in mg/Kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/Kg)												
DIESEL	1,700	3,400	2,400	12 U	12 U	28	430	13 U	11 U	11 U	12 U	12 U
GASOLINE	29 U	57 U	58 U	0.6 UJ	0.5 UJ	0.8 J	14 J	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ
MOTOR OIL	120 U	250 U	290 U	12 U	12 U	11 U	57 U	13 U	11 U	11 U	12 U	12 U
CLP Metals (in mg/Kg)												
ALUMINUM	--	--	--	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--	--	--	--
MOLYBDENUM	--	--	--	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Naval Weapon Station Concord SWMU 07 Laboratory Sampling Report

Table 8A: Soil Analytical Results

Point ID	S07-09	S07-10	S07-10	S07-10	S07-10	S07-11	S07-11	S07-12	S07-12	S07-13	S07-13	S07-13
Sample ID	S07SS005	S07SS030	S07SS031	S07SS032	S07SS033	S07SS034	S07SS035	S07SS036	S07SS037	S07SS038	S07SS039	S07SS040
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/28/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	25.50 - 26.00	0.50 - 1.00	3.00 - 3.50	8.00 - 8.85	14.00 - 14.50	0.50 - 1.00	13.00 - 13.50	19.50 - 20.00	9.00 - 9.50	9.50 - 10.00	14.50 - 15.00	21.50 - 22.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	0.0006 U	--	--	--	--	0.0006 U	0.0006 U	0.3 U	0.0006 U	0.0006 U	0.0006 U	0.06 U
ETHYLBENZENE	0.001	--	--	--	--	0.0006 U	0.0006 U	0.3 U	0.0006 U	0.0006 U	0.0006 U	0.06 U
TOLUENE	0.0006 U	--	--	--	--	0.0006 U	0.0006 U	0.3 U	0.0006 U	0.0006 U	0.0006 U	0.06 U
XYLENE (TOTAL)	0.008	--	--	--	--	0.0006	0.0006 U	0.3 U	0.0006 U	0.0006 U	0.0006 U	0.06 U
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--	--	--	--	--	--	--
4-METEYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Naval Weapon Station Concord SWMU 07 Laboratory Sampling Report

Table 8A: Soil Analytical Results

Point ID	S07-09	S07-10	S07-10	S07-10	S07-10	S07-11	S07-11	S07-12	S07-12	S07-13	S07-13	S07-13
Sample ID	S07SS005	S07SS030	S07SS031	S07SS032	S07SS033	S07SS034	S07SS035	S07SS036	S07SS037	S07SS038	S07SS039	S07SS040
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/28/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/12/95	10/12/95	10/12/95	10/12/95	10/12/95
Sample Depth (in feet)	25.50 - 26.00	0.50 - 1.00	3.00 - 3.50	8.00 - 8.85	14.00 - 14.50	0.50 - 1.00	13.00 - 13.50	19.50 - 20.00	9.00 - 9.50	9.50 - 10.00	14.50 - 15.00	21.50 - 22.00
Volatiles (in mg/kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/kg)												
DIESEL	12 U	--	--	--	--	10 J	13 U	1,300	13 J	12 U	11 U	400
GASOLINE	0.6 UJ	--	--	--	--	--	--	--	--	--	--	--
MOTOR OIL	12 U	--	--	--	--	130	10 J	110 U	12 U	12 U	11 U	29 U
CLP Metals (in mg/kg)												
ALUMINUM	--	10,900	7,910	5,150	7,990	--	--	9,360	12,400	--	--	--
ANTIMONY	--	0.75 J	0.68 UJ	0.63 UJ	0.7 UJ	--	--	0.69 UJ	0.70 UJ	--	--	--
ARSENIC	--	2.3 *	3.6 *	2.1 *	2.4 *	--	--	4.3 *	4.6 *	--	--	--
BARIUM	--	88.6	175	112	346	--	--	153	184	--	--	--
BERYLLIUM	--	0.040 U	0.12 U	0.18 U	0.34 U	--	--	0.15 U	0.28 U	--	--	--
CADMIUM	--	0.050 U	0.050 U	0.050 U	0.050 U	--	--	0.050 U	0.050 U	--	--	--
CALCIUM	--	30,900	2,500	2,400	4,620	--	--	2,540	3,570	--	--	--
CHROMIUM	--	23.3	20.0	14.4	16.3	--	--	25.7	29.6	--	--	--
COBALT	--	8.2	11.8	10.5	10.4	--	--	11.4	15.6	--	--	--
COPPER	--	15.2 J	15.3 J	12.1 J	13.8 J	--	--	21.0	19.3	--	--	--
IRON	--	18,600	13,300	8,660	10,900	--	--	14,900	19,100	--	--	--
LEAD	--	4.7	5.2	4.7	6.0	--	--	6.4	7.8	--	--	--
MAGNESIUM	--	6,130	4,230	3,610	4,740	--	--	4,770	6,770	--	--	--
MANGANESE	--	167	451	377	440	--	--	261	581	--	--	--
MERCURY	--	0.060 U	0.060 U	0.060 U	0.060 U	--	--	0.060 U	0.060 U	--	--	--
MOLYBDENUM	--	0.85 U	0.49 U	0.27 U	0.28 U	--	--	0.27 U	0.28 U	--	--	--
NICKEL	--	12.8	33.0 !	32.4 !	34.0 !	--	--	34.7 !	51.8 #!	--	--	--
POTASSIUM	--	2,300 J	946 U	603 U	1,190 J	--	--	1,650 J	1,480 J	--	--	--
SELENIUM	--	0.95 U	0.88 U	0.89 U	0.92 U	--	--	0.89 U	0.91 U	--	--	--
SILVER	--	0.17 U	0.16 U	0.16 U	0.17 U	--	--	0.16 U	0.16 U	--	--	--
SODIUM	--	192 U	301	253	294	--	--	415	1,020	--	--	--
THALLIUM	--	0.46 UJ	0.43 UJ	0.43 UJ	0.92 U	--	--	0.43 U	0.44 U	--	--	--
VANADIUM	--	49.4	34.7	24.3	22.7	--	--	41.3	43.0	--	--	--
ZINC	--	59.4	34.9 U	24.1 U	36.3 U	--	--	58.7	48.0	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 8B: Groundwater Analytical Results

Point ID	S07-06	S07-07	S07-08	S07-09	S07-11	S07-12	S07-13
Sample ID	S07GW024	S07GW018	S07GW011	S07GW012	S07GW031	S07GW032	S07GW033
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	03/03/95	03/02/95	03/01/95	03/01/95	10/13/95	10/12/95	10/12/95
Aromatic Volatiles (in µg/L)							
BENZENE	--	--	--	--	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	--	--	--	--	0.5 U	0.5 J	0.5 U
TOLUENE	--	--	--	--	1 J	0.7 J	1 J
XYLENE (TOTAL)	--	--	--	--	1 J	5 J	3 J
Volatiles (in µg/L)							
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	10 U	--	--	--
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U	10 U	--	--	--
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U	10 U	--	--	--
1,1-DICHLOROETHANE	10 U	10 U	10 U	10 U	--	--	--
1,1-DICHLOROETHENE	10 U	10 U	10 U	10 U	--	--	--
1,2-DICHLOROETHANE	10 U	10 U	2 J	10 U	--	--	--
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	10 U	10 U	--	--	--
1,2-DICHLOROPROPANE	10 U	10 U	10 U	10 U	--	--	--
2-BUTANONE	10 U	10 U	10 U	10 U	--	--	--
2-HEXANONE	10 U	10 U	10 U	10 U	--	--	--
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	--	--	--
ACETONE	10 U	10 U	10 U	10 U	--	--	--
BENZENE	10 U	10 U	10 U	10 U	--	--	--
BROMODICHLOROMETHANE	10 U	10 U	10 U	10 U	--	--	--
BROMOFORM	10 U	10 U	10 U	10 U	--	--	--
BROMOMETHANE	10 U	10 U	10 U	10 U	--	--	--
CARBON DISULFIDE	10 U	10 U	10 U	10 U	--	--	--
CARBON TETRACHLORIDE	10 U	10 U	10 U	10 U	--	--	--
CHLOROBENZENE	10 U	10 U	10 U	10 U	--	--	--
CHLOROETHANE	10 U	10 U	10 U	10 U	--	--	--
CHLOROFORM	10 U	10 U	10 U	10 U	--	--	--
CHLOROMETHANE	10 U	10 U	10 U	10 U	--	--	--
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	--	--	--
DIBROMOCHLOROMETHANE	10 U	10 U	10 U	10 U	--	--	--
ETHYLBENZENE	10 U	10 U	10 U	10 U	--	--	--
METHYLENE CHLORIDE	10 U	10 U	10 U	10 U	--	--	--
STYRENE	10 U	10 U	10 U	10 U	--	--	--
TETRACHLOROETHENE	10 U	10 U	10 U	10 U	--	--	--
TOLUENE	10 U	10 U	10 U	10 U	--	--	--
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	--	--	--
TRICHLOROETHENE	10 U	10 U	10 U	10 U	--	--	--
VINYL CHLORIDE	10 U	10 U	10 U	10 U	--	--	--
XYLENE (TOTAL)	10 U	10 U	10 U	10 U	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 8B: Groundwater Analytical Results

Point ID	S07-06	S07-07	S07-08	S07-09	S07-11	S07-12	S07-13
Sample ID	S07GW024	S07GW018	S07GW011	S07GW012	S07GW031	S07GW032	S07GW033
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	03/03/95	03/02/95	03/01/95	03/01/95	10/13/95	10/12/95	10/12/95
Petroleum Indicators (in µg/L)							
DIESEL	100 U	130,000 J	25,000 J	120 J	100 U	500 J	100 U
GASOLINE	50 U	5,000 U	89 J	360 J	--	--	--
MOTOR OIL	370 J	10,000 U	2,000 U	100 U	100 U	100 U	100 U
CLP Metals (in µg/L)							
ALUMINUM	200,000 J	21,400 J	266,000 J	1,010,000 J	--	--	--
ANTIMONY	2.9 U	1.5 U	3.5 J	2.5 J	--	--	--
ARSENIC	56.5 J αß	32.6 J	66.6 J αß	239 J αß	--	--	--
BARIUM	2,770 J	881 J	2,160 J	8,070 J	--	--	--
BERYLLIUM	0.81 U	0.44 U	0.10 U	4.7 J	--	--	--
CADMIUM	0.20 UJ	0.20 U	0.20 U	0.20 U	--	--	--
CALCIUM	163,000 J	79,600 J	135,000 J	301,000 J	--	--	--
CHROMIUM	525 J ß	58.4 J ß	625 J ß	2,360 J ß	--	--	--
COBALT	165 J	42.9 J	201 J	812 J	--	--	--
COPPER	495 J α	94.4 J α	591 J α	2,800 J α	--	--	--
IRON	320,000 J	55,400 J	385,000 J	1,560,000 J	--	--	--
LEAD	97.6 J αß	19.9 J αß	85.6 J αß	371 J αß	--	--	--
MAGNESIUM	170,000 J	66,300 J	180,000 J	761,000 J	--	--	--
MANGANESE	5,160 J	1,560 J	9,360 J	38,300 J	--	--	--
MERCURY	1.1 J αß	0.10 J αß	2.3 J αß	7.2 J αß	--	--	--
MOLYBDENUM	2.2 UJ	14.2 J	2.2 U	2.2 U	--	--	--
NICKEL	881 J αß	155 J αß	1,090 J αß	4,550 J αß	--	--	--
POTASSIUM	43,200 J	7,880 J	45,900 J	200,000 J	--	--	--
SELENIUM	2.1 UJ	2.4 U	2.1 U	2.1 U	--	--	--
SILVER	0.60 U	0.60 U	0.60 U	0.60 U	--	--	--
SODIUM	175,000 J	178,000 J	208,000 J	227,000 J	--	--	--
THALLIUM	2.8 J	3.5 J	9.6 J	12.6 J	--	--	--
VANADIUM	633 J	160 J	813 J	2,640 J	--	--	--
ZINC	708 J αß	153 U	834 J αß	3,390 J αß	--	--	--

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

07/28/96

Naval Weapon Station Concord SWMU 12/20 Laboratory Sampling Report

Table 9A: Soil Analytical Results

Point ID	ACSMW013	ACSMW013	ACSMW013	ACSMW013	ACSSB028	ACSSB028	ACSSB029	ACSSB030	ACSSB030	ACSSB031	ACSSB039	ACSSB040
Sample ID	ACSSS523	ACSSS524	ACSSS525	ACSSS526	ACSSS019	ACSSS020	ACSSS023	ACSSS021	ACSSS022	ACSSS024	ACSSS104	ACSSS105
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SOIL	SOIL
Sample Date	05/19/95	05/19/95	05/19/95	05/19/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95
Sample Depth (in feet)	9.50 - 10.00	19.50 - 20.00	29.50 - 30.00	32.50 - 33.50	0.00 - 0.50	2.50 - 3.00	0.00 - 0.50	0.00 - 0.50	3.00 - 3.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Volatiles (in mg/kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
2-BUTANONE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
2-HEXANONE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
ACETONE	0.02 U	0.02 U	0.03 U	--	--	0.01 U	--	--	0.01 U	--	--	--
BENZENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
BROMOFORM	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
BROMOMETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CHLOROETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CHLOROFORM	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
METHYLENE CHLORIDE	0.02 U	0.02 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
STYRENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
TOLUENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	--	--	0.01 U	--	--	0.01 U	--	--	--
Semivolatiles (in mg/kg)												
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U

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Naval Weapon Station Concord SWMU 12/20 Laboratory Sampling Report

Table 9A: Soil Analytical Results

Point ID	ACSMW013	ACSMW013	ACSMW013	ACSMW013	ACSSB028	ACSSB028	ACSSB029	ACSSB030	ACSSB030	ACSSB031	ACSSB039	ACSSB040
Sample ID	ACSSS523	ACSSS524	ACSSS525	ACSSS526	ACSSS019	ACSSS020	ACSSS023	ACSSS021	ACSSS022	ACSSS024	ACSSS104	ACSSS105
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SOIL	SOIL
Sample Date	05/19/95	05/19/95	05/19/95	05/19/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95
Sample Depth (in feet)	9.50 - 10.00	19.50 - 20.00	29.50 - 30.00	32.50 - 33.50	0.00 - 0.50	2.50 - 3.00	0.00 - 0.50	0.00 - 0.50	3.00 - 3.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Semivolatiles (in mg/kg)												
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,4,5-TRICHLOROPHENOL	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,4-DINITROPHENOL	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
2-NITROANILINE	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
3-NITROANILINE	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
4-NITROANILINE	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
4-NITROPHENOL	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.09 J	0.06 J
BENZO(A)PYRENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.1 J *	0.07 J *
BENZO(B)FLUORANTHENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.1 J	0.08 J
BENZO(G,H,I)PERYLENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.1 J	0.07 J
BENZO(K)FLUORANTHENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.1 J	0.08 J
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U

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Naval Weapon Station Concord SWMU 12/20 Laboratory Sampling Report

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Point ID	ACSMW013	ACSMW013	ACSMW013	ACSMW013	ACSSB028	ACSSB028	ACSSB029	ACSSB030	ACSSB030	ACSSB031	ACSSB039	ACSSB040
Sample ID	ACSSS523	ACSSS524	ACSSS525	ACSSS526	ACSSS019	ACSSS020	ACSSS023	ACSSS021	ACSSS022	ACSSS024	ACSSS104	ACSSS105
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SOIL	SOIL
Sample Date	05/19/95	05/19/95	05/19/95	05/19/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95
Sample Depth (in feet)	9.50 - 10.00	19.50 - 20.00	29.50 - 30.00	32.50 - 33.50	0.00 - 0.50	2.50 - 3.00	0.00 - 0.50	0.00 - 0.50	3.00 - 3.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
Semivolatiles (in mg/Kg)												
CARBAZOLE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.2 J	0.1 J
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 UJ	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.02 J
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.2 J	0.1 J
FLUORENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 UJ	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.08 J	0.05 J
ISOPHORONE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
PENTACHLOROPHENOL	0.9 U	1 U	1 U	--	0.9 U	0.8 U	1 U	1 U	9 U	0.9 U	2 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.07 J	0.06 J
PHENOL	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.9 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	--	0.4 U	0.3 U	0.4 U	0.4 U	4 U	0.4 U	0.2 J	0.2 J
Petroleum Indicators (in mg/Kg)												
DIESEL	11 U	12 U	11 U	--	11 U	10 U	27 U	13 U	1,100 U	28 U	140 U	130 U
GASOLINE	--	--	--	--	0.3 U	0.5 U	0.5 U	--	0.3 U	--	0.4 UJ	0.6 UJ
MOTOR OIL	11 U	12 U	11 U	--	120	75	160	110	4,100	180	1,300	570
CLP Metals (in mg/Kg)												
ALUMINUM	18,100	13,500	6,750	--	12,800	18,100	11,700	13,200	11,400	15,900	11,200	8,440
ANTIMONY	0.42 U	0.45 UJ	0.44 UJ	--	1.1 U	1.5 U	0.65 U	0.91 U	0.93 U	1.2 U	1.3 J	0.70 J
ARSENIC	3.0 J	4.2 *	5.5 *	--	1.1 *	5.6 *	4.8 *	5.2 *	2.3 *	5.7 *	6.3 *	3.9 *
BARIUM	145	230	84.8	--	64.6	119	135	143	62.0	153	134	114
BERYLLIUM	0.020 U	0.43 #*	0.020 U	--	0.060 U	0.29 *	0.130 *	0.28 *	0.13	0.49 *	0.34 *	0.24 *
CADMIUM	0.020 U	0.020 U	0.020 U	--	0.35	0.15 U	0.040 UJ	0.040 U	0.19 U	0.045 U	2.4 !	0.65
CALCIUM	7,280	3,470	3,040	--	6,270 J	8,680 J	5,770 J	5,320 J	5,800 J	6,370 J	6,580	4,020
CHROMIUM	65.8	24.4	31.0	--	43.5	58.6	31.5	30.3	34.1	35.4	47.4	25.0

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Sample ID	ACSSS523	ACSSS524	ACSSS525	ACSSS526	ACSSS019	ACSSS020	ACSSS023	ACSSS021	ACSSS022	ACSSS024	ACSSS104	ACSSS105
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SOIL	SOIL
Sample Date	05/19/95	05/19/95	05/19/95	05/19/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95
Sample Depth (in feet)	9.50 - 10.00	19.50 - 20.00	29.50 - 30.00	32.50 - 33.50	0.00 - 0.50	2.50 - 3.00	0.00 - 0.50	0.00 - 0.50	3.00 - 3.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
CLP Metals (in mg/Kg)												
COBALT	23.7	12.7	11.3	--	15.2	20.6	15.0	13.8	15.1	15.8	10.4	18.5
COPPER	72.2 !	25.2	24.3	--	41.4 !	67.9 !	31.8	33.8	44.3 !	29.8 !	63.6 !	29.9
IRON	33,000	20,300	17,500	--	23,900	38,700	24,200	24,700	23,900	28,400	21,600	17,400
LEAD	4.8	8.0 J	4.7	--	9.3	16.5 J	10.3 J	10.0	9.4	15.4	225 J##	62.3 J !
MAGNESIUM	14,400	6,040	4,070	--	12,000 J	11,200 J	7,210 J	6,590 J	9,190 J	8,070 J	5,020	5,260
MANGANESE	838	552	438	--	517 J	753 J	567 J	519 J	388 J	646 J	324 J	602 J
MERCURY	0.11 U	0.060 U	0.060 U	--	0.070 U	0.060 U	0.070 U	0.060 U	0.080 U	0.11 U	0.25 !	0.060 U
MOLYBDENUM	0.18 U	0.19 UJ	0.18 U	--	0.69 U	1.8 J	0.71 U	0.92 U	1.1	0.67 U	1.5	0.62 U
NICKEL	200 #!	42.3 !	44.0 !	--	85.4 #!	101 #!	51.1 !	48.7 !	59.0 #!	54.1 #!	33.8 !	37.9 !
POTASSIUM	1,230 J	2,930 J	864 J	--	607 J	1,130 J	1,360 J	1,830 J	555 J	1,810 J	1,770 J	964 J
SELENIUM	0.77 U	0.83 UJ	0.80 U	--	0.53 U	0.62 U	0.55 UJ	0.61 U	0.35 U	0.68 U	0.52 U	0.53 U
SILVER	0.11 U	0.12 U	0.11 U	--	0.21 UJ	0.25 UJ	0.22 UJ	0.24 UJ	0.14 UJ	0.27 UJ	0.82 J	0.21 UJ
SODIUM	28.4 U	115 U	29.5 U	--	63.6 UJ	74.3 UJ	66.4 UJ	72.7 UJ	41.8 UJ	81.2 UJ	1,410	63.9 U
THALLIUM	0.33 U	0.36 UJ	0.34 U	--	0.17	0.23	0.14	0.21	0.14	0.14	0.13 U	0.090 U
VANADIUM	77.1	38.0	41.8	--	51.7	98.7	53.5	53.1	47.6	62.9	46.0	39.8
ZINC	84.4	59.2 J	35.9	--	125	101	63.7	69.1	78.3	81.2	200 !	129
MET Metals (in µg/L)												
ALUMINUM	12,500 J	4,090 J	--	--	1,390 J	--	354 J	271 J	--	607 J	--	--
ANTIMONY	1.9 U	1.9 U	--	--	2.1 U	--	2.1 U	2.1 U	--	2.1 U	--	--
ARSENIC	1.4 U	1.4 U	--	--	2.5 U	--	2.5 U	2.5 U	--	2.5 U	--	--
BARIUM	278 J	78.3 J	--	--	693 J	--	986 J	898 J	--	589 J	--	--
BERYLLIUM	0.10 U	0.19 U	--	--	0.040 U	--	0.040 U	0.040 U	--	0.040 U	--	--
CADMIUM	0.10 U	0.10 U	--	--	0.25 U	--	0.20 U	0.21 U	--	0.20 U	--	--
CALCIUM	10,000 J	5,370 J	--	--	2,810 J	--	18,100 J	15,300 J	--	10,100 J	--	--
CHROMIUM	50.4 * ß	6.1 J	--	--	11.6 J	--	3.9 U	4.6 U	--	1.9 U	--	--
COBALT	16.7 J	0.50 U	--	--	2.0 J	--	1.7 J	2.4 J	--	1.1 U	--	--
COPPER	148 J α	2.7 J ß	--	--	35.2 J α	--	10.7 J α	5.4 J α	--	5.7 J α	--	--
IRON	24,500 J	1,920 J	--	--	2,290 J	--	215 J	207 J	--	736 J	--	--
LEAD	325 J αß	5.4 U	--	--	6.0 J	--	2.6 J	2.4 J	--	1.5 U	--	--
MAGNESIUM	11,700 J	4,170 J	--	--	1,430 J	--	8,300 J	6,970 J	--	4,500 J	--	--
MANGANESE	594 J	28.0 J	--	--	111 J	--	104 J	336 J	--	6.7 J	--	--
MERCURY	0.25 J αß	0.10 U	--	--	0.20 U	--	0.20 U	0.21 U	--	0.20 U	--	--
MOLYBDENUM	0.80 U	1.1 U	--	--	2.5 U	--	0.90 U	2.0 U	--	1.6 U	--	--
NICKEL	223 J αß	6.2 U	--	--	28.4 J αß	--	5.2 J	3.5 J αß	--	6.5 J	--	--
POTASSIUM	1,450 J	1,260 J	--	--	3,280 J	--	1,590 J	1,760 J	--	461 J	--	--
SELENIUM	3.5 U	3.5 U	--	--	3.0 U	--	3.0 U	3.0 U	--	3.0 U	--	--
SILVER	0.50 U	0.50 U	--	--	1.2 U	--	1.2 U	1.2 U	--	1.2 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 9A: Soil Analytical Results

Point ID	ACSMW013	ACSMW013	ACSMW013	ACSMW013	ACSSB028	ACSSB028	ACSSB029	ACSSB030	ACSSB030	ACSSB031	ACSSB039	ACSSB040
Sample ID	ACSSS523	ACSSS524	ACSSS525	ACSSS526	ACSSS019	ACSSS020	ACSSS023	ACSSS021	ACSSS022	ACSSS024	ACSSS104	ACSSS105
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SOIL	SOIL
Sample Date	05/19/95	05/19/95	05/19/95	05/19/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95	05/08/95
Sample Depth (in feet)	9.50 - 10.00	19.50 - 20.00	29.50 - 30.00	32.50 - 33.50	0.00 - 0.50	2.50 - 3.00	0.00 - 0.50	0.00 - 0.50	3.00 - 3.50	0.00 - 0.50	0.00 - 0.50	0.00 - 0.50
WET Metals (in µg/L)												
SODIUM	2,250 J	1,380 J	--	--	7,820 J	--	8,430 J	7,610 J	--	5,610 J	--	--
THALLIUM	1.5 U	1.5 U	--	--	0.30 U	--	0.30 UJ	0.30 U	--	0.30 U	--	--
VANADIUM	78.3 J	23.1 J	--	--	8.6 J	--	4.1 J	3.3 J	--	5.0 J	--	--
ZINC	112 J αß	10.7 J	--	--	542 J αß	--	638 J αß	535 J αß	--	45.9 J	--	--
Hexavalent Chromium (in mg/Kg)												
HEXAVALENT CHROMIUM	--	--	--	--	--	--	--	0.066 UJ	0.053 UJ	--	--	--
Anions, Solids, Sulfides, and TOC (in mg/Kg)												
TOTAL ORGANIC CARBON	--	--	--	0.010 U	--	--	--	--	--	--	--	--
Percent Moisture (percent)												
PERCENT MOISTURE	--	--	--	--	8.0	4.0	25.0	24.0	6.0	30.0	29.0	22.0
Miscellaneous												
OIL & GREASE	--	--	--	--	--	--	--	--	--	--	--	--
PH	7.3	7.7	7.6	--	7.9	7.2	8	7.6	7.7	7.2	8.7	6.7

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 9A: Soil Analytical Results

Point ID	S12-01	S12-01	S12-01	S12-02	S12-02	S12-03	S12-03	S12-03
Sample ID	S12SS003	S12SS004	S12SS005	S12SS001	S12SS002	S12SS006	S12SS007	S12SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/16/95	03/16/95	03/16/95	03/02/95	03/02/95	03/16/95	03/16/95	03/16/95
Sample Depth (in feet)	5.00 - 6.00	11.00 - 12.00	15.00 - 15.50	5.00 - 6.00	10.00 - 11.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00
Volatiles (in mg/kg)								
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.06	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.004 J	0.01 U	0.01 U	0.01 U	0.01 U	0.005 J
ACETONE	0.04 U	0.04 U	0.05 U	0.05 U	0.07 U	0.03 U	0.03 U	0.02 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CELOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)								
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 9A: Soil Analytical Results

Point ID	S12-01	S12-01	S12-01	S12-02	S12-02	S12-03	S12-03	S12-03
Sample ID	S12SS003	S12SS004	S12SS005	S12SS001	S12SS002	S12SS006	S12SS007	S12SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/16/95	03/16/95	03/16/95	03/02/95	03/02/95	03/16/95	03/16/95	03/16/95
Sample Depth (in feet)	5.00 - 6.00	11.00 - 12.00	15.00 - 15.50	5.00 - 6.00	10.00 - 11.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00
Semivolatiles (in ug/kg)								
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	0.9 UJ	0.9 UJ	0.9 UJ	1 U	1 U	1 UJ	1 UJ	0.9 UJ
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ
3-NITROANILINE	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
4,6-DINITRO-2-METHYLPHENOL	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
4-NITROPHENOL	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 9A: Soil Analytical Results

Point ID	S12-01	S12-01	S12-01	S12-02	S12-02	S12-03	S12-03	S12-03
Sample ID	S12SS003	S12SS004	S12SS005	S12SS001	S12SS002	S12SS006	S12SS007	S12SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/16/95	03/16/95	03/16/95	03/02/95	03/02/95	03/16/95	03/16/95	03/16/95
Sample Depth (in feet)	5.00 - 6.00	11.00 - 12.00	15.00 - 15.50	5.00 - 6.00	10.00 - 11.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00
Semivolatiles (in mg/Kg)								
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	0.9 U	0.9 U	0.9 U	1 U	1 U	1 U	1 U	0.9 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.8	0.4 U	0.4 U	0.5	0.6	0.6	0.4 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Petroleum Indicators (in mg/Kg)								
DIESEL	--	--	--	--	--	--	--	--
GASOLINE	--	--	--	--	--	--	--	--
MOTOR OIL	--	--	--	--	--	--	--	--
CLP Metals (in mg/Kg)								
ALUMINUM	16,700	16,800	12,700	18,000	14,200	20,500	15,500	14,700
ANTIMONY	0.80 J	0.97 J	0.59 J	0.41 U	0.35 U	0.72 J	1.0 J	0.78 J
ARSENIC	2.5 U	1.0 U	1.4 U	5.2 *	3.3 *	2.5 U	4.8 *	4.7 *
BARIUM	390	73.8	62.0	193	124	128	105	1,320
BERYLLIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CADMIUM	0.040 U	0.040 U	0.040 U	0.050 U	0.050 U	0.050 U	0.050 U	0.50
CALCIUM	8,620	8,020	6,720	7,010	5,200	7,000	7,420	6,450
CHROMIUM	48.9	65.5	41.3	55.7	49.6	52.3	52.5	45.7

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

1 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 9A: Soil Analytical Results

Point ID	S12-01	S12-01	S12-01	S12-02	S12-02	S12-03	S12-03	S12-03
Sample ID	S12SS003	S12SS004	S12SS005	S12SS001	S12SS002	S12SS006	S12SS007	S12SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/16/95	03/16/95	03/16/95	03/02/95	03/02/95	03/16/95	03/16/95	03/16/95
Sample Depth (in feet)	5.00 - 6.00	11.00 - 12.00	15.00 - 15.50	5.00 - 6.00	10.00 - 11.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00
CLP Metals (in mg/KG)								
COBALT	18.7	17.6	13.5	21.5	18.3	16.0	16.4	15.6
COPPER	49.7 J !	334 J#!	44.3 J !	95.1 J !	48.3 J !	46.0 J !	50.2 J !	51.1 J !
IRON	28,600	26,800	20,000	31,400	26,700	27,500	27,600	27,900
LEAD	4.4	3.3	2.9	8.6	5.8	7.1	4.5 J	6.6
MAGNESIUM	12,100	14,000	10,200	12,200	11,400	8,860	11,700	11,700
MANGANESE	590 J	538 J	409 J	771	711	557 J	759 J	12,100 J*
MERCURY	0.050 U	0.050 U	0.050 U	0.080	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.47 U	0.47 U	0.48 U	0.52 U	0.51 U	0.51 U	0.50 UJ	0.49 U
NICKEL	69.9 #!	86.2 #!	39.6 !	165 #!	93.4 #!	62.4 #!	74.6 #!	109 #!
POTASSIUM	1,010 J	873 J	697 J	1,390	1,110	1,680 J	1,180 J	1,250 J
SELENIUM	0.45 U	0.45 U	0.46 U	0.50 U	0.49 U	0.48 U	0.48 UJ	0.47 U
SILVER	0.13 U	0.13 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U
SODIUM	269	25.3 U	25.8 U	173 U	63.4 U	27.4 U	44.8	166
THALLIUM	1.3	1.9	1.1	1.2	1.0	1.3	2.2 J	15.6 J*
VANADIUM	73.3	64.5	51.9	67.1	61.4	66.8	67.7	67.1
ZINC	57.1	52.6	43.6	69.5	61.6	56.4	60.7 J	79.7
NST Metals (in µg/L)								
ALUMINUM	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--
MOLYBDENUM	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 9A: Soil Analytical Results

Point ID	S12-01	S12-01	S12-01	S12-02	S12-02	S12-03	S12-03	S12-03
Sample ID	S12SS003	S12SS004	S12SS005	S12SS001	S12SS002	S12SS006	S12SS007	S12SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/16/95	03/16/95	03/16/95	03/02/95	03/02/95	03/16/95	03/16/95	03/16/95
Sample Depth (in feet)	5.00 - 6.00	11.00 - 12.00	15.00 - 15.50	5.00 - 6.00	10.00 - 11.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00
NET Metals (in µg/L)								
SODIUM	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--
Hexavalent Chromium (in mg/kg)								
HEXAVALENT CHROMIUM	--	--	--	--	--	--	--	--
Anions, Solids, Sulfides, and TOC (in mg/kg)								
TOTAL ORGANIC CARBON	--	--	--	--	--	--	--	--
Percent Moisture (percent)								
PERCENT MOISTURE	--	--	--	--	--	--	--	--
Miscellaneous								
OIL & GREASE	50	64	33	59	29 U	38	45	56
PH	--	--	--	8	8.2	--	--	--

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 10A: Soil Analytical Results

Point ID	S13-01	S13-01	S13-01	S13-02	S13-02	S13-02	S13-03	S13-03
Sample ID	S13SS001	S13SS002	S13SS003	S13SS006	S13SS007	S13SS008	S13SS004	S13SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	0.00 - 0.50	3.00 - 3.50
Volatiles (in mg/kg)								
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.04 U	0.01 U	0.02 U	0.03 U	0.04 U	0.04 U	0.03 U	0.07 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)								
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U

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Table 10A: Soil Analytical Results

Point ID	S13-01	S13-01	S13-01	S13-02	S13-02	S13-02	S13-03	S13-03
Sample ID	S13SS001	S13SS002	S13SS003	S13SS006	S13SS007	S13SS008	S13SS004	S13SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	0.00 - 0.50	3.00 - 3.50
Semivolatiles (in mg/kg)								
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
3-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
4-NITROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.5 U	0.4 U	0.2 U	0.4 U	0.4 UJ
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 10A: Soil Analytical Results

Point ID	S13-01	S13-01	S13-01	S13-02	S13-02	S13-02	S13-03	S13-03
Sample ID	S13SS001	S13SS002	S13SS003	S13SS006	S13SS007	S13SS008	S13SS004	S13SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	0.00 - 0.50	3.00 - 3.50
Semivolatiles (in mg/Kg)								
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U	0.9 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.4 U	0.4 U	0.4 U	0.3 J	0.4 U	0.4 U	0.4 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
Pesticides (in mg/Kg)								
4,4'-DDD	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
4,4'-DDE	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
4,4'-DDT	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
ALDRIN	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
ALPHA-CHLORDANE	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
AROCLOR-1016	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U
AROCLOR-1221	0.08 U	0.07 U	0.07 U	--	--	--	0.08 U	0.09 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 10A: Soil Analytical Results

Point ID	S13-01	S13-01	S13-01	S13-02	S13-02	S13-02	S13-03	S13-03
Sample ID	S13SS001	S13SS002	S13SS003	S13SS006	S13SS007	S13SS008	S13SS004	S13SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	0.00 - 0.50	3.00 - 3.50
Pesticides (in mg/kg)								
AROCLOR-1260	0.04 U	0.04 U	0.04 U	--	--	--	0.04 U	0.04 U
BETA-BHC	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
DIELDRIN	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	--	--	--	0.004 J	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
ENDRIN	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 U	--	--	--	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
GAMMA-CHLORDANE	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
HEPTACHLOR	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	--	--	--	0.002 U	0.002 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	--	--	--	0.02 U	0.02 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	--	--	--	0.2 U	0.2 U
Explosives (in mg/kg)								
1,3,5-TRINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3-DINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4,6-TRINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
3-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U
HMX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RDX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRYL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CLP Metals (in mg/kg)								
ALUMINUM	14,600	11,900	13,500	11,300	17,300	11,600	18,000	16,700
ANTIMONY	0.47 J	0.40 UJ	0.59 J	0.45 UJ	0.91 J	0.41 J	0.47 UJ	0.48 UJ
ARSENIC	2.3 *	3.0 *	4.1 *	4.4 *	8.5 *#	6.1 *	3.6 *	2.5 *
BARIUM	879	682	309	260	320	287	335	234
BERYLLIUM	0.11 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.29 U	0.27 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.030 UJ
CALCIUM	3,180	4,580	7,140	3,500	6,870	5,890	9,340	4,120
CHROMIUM	32.5 J	31.2 J	32.0 J	28.3 J	74.1 J	40.6 J	38.0 J	40.1 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

1 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 10A: Soil Analytical Results

Point ID	S13-01	S13-01	S13-01	S13-02	S13-02	S13-02	S13-03	S13-03
Sample ID	S13SS001	S13SS002	S13SS003	S13SS006	S13SS007	S13SS008	S13SS004	S13SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95	04/04/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	0.00 - 0.50	3.00 - 3.50
CLP Metals (in mg/Kg)								
COBALT	17.3	15.0	16.6	13.9	32.0	15.2	15.8	11.5
COPPER	22.5	28.0	28.1	30.1	50.1 !	38.6 !	27.0	22.7
IRON	19,700	22,600	22,500	20,700	36,900	27,300	22,000	21,300
LEAD	6.0	5.3	6.1	6.0	6.7	5.5	9.0	7.8 J
MAGNESIUM	6,730	9,750	9,140	9,860	13,200	9,940	8,340	6,240
MANGANESE	476	760	845	1,250	1,600	1,030	718	454
MERCURY	0.15 U	0.070 U	0.10 U	0.060 U	0.060 U	0.24 !	0.060 U	0.060 U
MOLYBDENUM	0.19 U	0.17 U	0.17 U	0.19 U	0.23 U	0.16 U	0.20 U	0.21 UJ
NICKEL	27.4 !	62.4 #!	67.5 #!	84.9 #!	145 #!	71.1 #!	59.2 #!	44.6 !
POTASSIUM	1,090 J	777 J	891 J	776 J	1,450 J	786 J	1,040 J	748 J
SELENIUM	0.83 U	0.74 U	0.76 U	0.82 U	0.81 U	0.77 U	0.87 U	0.90 UJ
SILVER	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U
SODIUM	1,010	339	163	382	345	56.7	141	339 J
THALLIUM	0.80 U	1.3 U	1.3 U	1.8 U	2.2	1.6 U	0.63 U	0.39 UJ
VANADIUM	49.1	57.3	64.3	44.3	89.0	77.0	48.5	46.9
ZINC	43.8 U	58.5	51.7	55.2	78.1	62.4	47.6	38.1 U
Percent Moisture (percent)								
PERCENT MOISTURE	16.9	7.2	12.7	26.9	9.3	11.0	11.8	22.7
Miscellaneous								
OIL & GREASE	30 U	54 U	65	35	43	29	920	32 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 11A: Soil Analytical Results

Point ID	S14-01	S14-01	S14-01	S14-02	S14-02	S14-02
Sample ID	S14SS001	S14SS002	S14SS003	S14SS004	S14SS005	S14SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	16.00 - 16.50	5.50 - 6.50	10.50 - 11.00	16.00 - 16.50
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
2-HEXANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.02 U	0.02 U	0.02 U	0.03 U	0.02 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 11A: Soil Analytical Results

Point ID	S14-01	S14-01	S14-01	S14-02	S14-02	S14-02
Sample ID	S14SS001	S14SS002	S14SS003	S14SS004	S14SS005	S14SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	16.00 - 16.50	5.50 - 6.50	10.50 - 11.00	16.00 - 16.50
Semivolatiles (in mg/kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	0.9 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	0.9 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPETHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	0.9 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	0.9 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	0.9 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	0.9 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	0.9 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 11A: Soil Analytical Results

Point ID	S14-01	S14-01	S14-01	S14-02	S14-02	S14-02
Sample ID	S14SS001	S14SS002	S14SS003	S14SS004	S14SS005	S14SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	16.00 - 16.50	5.50 - 6.50	10.50 - 11.00	16.00 - 16.50
Semivolatiles (in mg/Kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	0.9 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.3 J	0.2 J	0.6	0.5	0.4 U	0.3 J
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/Kg)						
ALUMINUM	11,600	15,400	17,000	16,700	18,200	6,500
ANTIMONY	0.45 UJ	0.44 J	0.50 J	0.44 UJ	0.50 J	0.42 UJ
ARSENIC	5.7 *	5.8 *	5.1 *	4.1 *	4.3 *	3.3 J *
BARIUM	144	176	172	153	167	101
BERYLLIUM	0.20 U	0.020 U	0.020 U	0.16 U	0.030 U	0.020 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.030 U	0.020 U
CALCIUM	2,890	5,910	6,700	3,150	6,940	5,990
CHROMIUM	28.0	42.8	50.8	37.0	53.9	88.5 !
COBALT	9.4	20.8	20.3	13.6	25.7	45.1
COPPER	17.4	52.3	49.5 !	21.9	64.3 !	46.9 !
IRON	18,300	30,300	31,400	21,200	33,500	27,600
LEAD	6.8	7.8	8.0	6.7	7.3	3.7 J

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 11A: Soil Analytical Results

Point ID	S14-01	S14-01	S14-01	S14-02	S14-02	S14-02
Sample ID	S14SS001	S14SS002	S14SS003	S14SS004	S14SS005	S14SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95	03/28/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	16.00 - 16.50	5.50 - 6.50	10.50 - 11.00	16.00 - 16.50
CLP Metals (in mg/Kg)						
MAGNESIUM	4,610	8,650	10,500	5,050	11,800	11,100
MANGANESE	365 J	762 J	696 J	495 J	753 J	671 J
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.19 U	0.18 U	0.19 U	0.19 U	0.20 U	0.18 UJ
NICKEL	30.0 !	95.3 #!	90.9 #!	45.5 !	164 *#!	256 *#!
POTASSIUM	1,500 J	1,440 J	1,570 J	1,720 J	1,550 J	429 J
SELENIUM	0.84 UJ	0.80 UJ	0.84 UJ	0.82 UJ	0.88 UJ	0.78 UJ
SILVER	0.12 U	0.11 U	0.12 U	0.12 U	0.13 U	0.11 U
SODIUM	176 U	129 U	150 U	50.1 U	32.5 U	69.0 U
THALLIUM	0.36 U	1.2 U	0.72 U	0.70 U	0.76 U	1.4 U
VANADIUM	44.4	74.7	71.3	49.3	78.2	47.0
ZINC	38.2	66.0	71.3	46.6	71.9	50.2 J
Miscellaneous						
OIL & GREASE	30 U	29 U	30 U	29 U	32 U	28 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 12A: Soil Analytical Results

Point ID	S15-01	S15-01	S15-02	S15-02	S15-03	S15-03
Sample ID	S15SS003	S15SS004	S15SS001	S15SS002	S15SS006	S15SS007
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/07/95	04/11/95	04/11/95
Sample Depth (in feet)	0.50 - 1.00	6.00 - 6.50	1.00 - 1.50	5.00 - 5.50	0.50 - 1.50	4.00 - 4.50
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
ACETONE	0.03 U	0.02 U	0.03 U	0.03 U	0.02 UJ	0.03 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 UJ
Semivolatiles (in mg/kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 12A: Soil Analytical Results

Point ID	S15-01	S15-01	S15-02	S15-02	S15-03	S15-03
Sample ID	S15SS003	S15SS004	S15SS001	S15SS002	S15SS006	S15SS007
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/07/95	04/11/95	04/11/95
Sample Depth (in feet)	0.50 - 1.00	6.00 - 6.50	1.00 - 1.50	5.00 - 5.50	0.50 - 1.50	4.00 - 4.50
Semivolatiles (in mg/Kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,4,5-TRICHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,4-DINITROPHENOL	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
2-NITROANILINE	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
3-NITROANILINE	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
4-NITROANILINE	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
4-NITROPHENOL	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 12A: Soil Analytical Results

Point ID	S15-01	S15-01	S15-02	S15-02	S15-03	S15-03
Sample ID	S15SS003	S15SS004	S15SS001	S15SS002	S15SS006	S15SS007
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/07/95	04/11/95	04/11/95
Sample Depth (in feet)	0.50 - 1.00	6.00 - 6.50	1.00 - 1.50	5.00 - 5.50	0.50 - 1.50	4.00 - 4.50
Semivolatiles (in mg/Kg)						
CARBAZOLE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
PENTACHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 UJ	1 UJ
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
PHENOL	0.2 J	1	0.3 J	0.3 J	0.5 UJ	0.5 UJ
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.5 UJ	0.5 UJ
CLP Metals (in mg/Kg)						
ALUMINUM	9,900	18,700	6,460	20,100	22,500	22,200
ANTIMONY	0.54 J	0.64 J	0.41 UJ	0.49 UJ	0.55 UJ	1.1 J
ARSENIC	7.3 *	14.8 *!	4.3 *	5.5 *	4.7 *	9.1 *!
BARIUM	265	207	157	199	204	1,520
BERYLLIUM	0.020 U	0.13 U	0.020 U	0.23 U	0.12 U	0.030 U
CADMIUM	0.020 U	0.030 U	0.020 U	0.030 U	0.29	0.21
CALCIUM	62,200	7,490	128,000	7,700	28,600	9,640
CHROMIUM	25.0	49.2	21.3	52.4	55.0	52.7
COBALT	10.1	21.7	6.5	15.3	18.6	46.2
COPPER	27.1	63.4 *!	19.8	61.6 *!	96.8 *!	86.[illegible] *!
IRON	22,200	34,000	14,000	30,300	32,000	33,900
LEAD	22.9	10.5	12.6	9.4	23.9	12.2

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 12A: Soil Analytical Results

Point ID	S15-01	S15-01	S15-02	S15-02	S15-03	S15-03
Sample ID	S15SS003	S15SS004	S15SS001	S15SS002	S15SS006	S15SS007
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/07/95	04/11/95	04/11/95
Sample Depth (in feet)	0.50 - 1.00	6.00 - 6.50	1.00 - 1.50	5.00 - 5.50	0.50 - 1.50	4.00 - 4.50
CLP Metals (in mg/Kg)						
MAGNESIUM	7,510	12,900	6,200	12,600	15,900	15,200
MANGANESE	501 J	313 J	448 J	543 J	662	9,090 *
MERCURY	0.090	0.10	0.050	0.090	0.080 U	0.11 U
MOLYBDENUM	0.18 U	0.21 U	0.17 U	0.21 U	0.25 U	5.1
NICKEL	51.9 #!	73.7 #!	40.5 !	72.7 #!	81.3 #!	196 *#!
POTASSIUM	1,550 J	1,090 J	1,050 J	976 J	1,760 J	931 J
SELENIUM	0.81 U	0.93 U	0.76 U	0.90 U	1.1 U	1.0 U
SILVER	0.12 U	0.13 U	0.11 U	0.13 U	0.16 U	0.14 U
SODIUM	97.3	246	122	371	271	274
THALLIUM	0.74 U	0.40 U	0.32 U	0.48 U	0.47 U	11.0 *
VANADIUM	43.8	77.1	30.2	56.2	64.5	119
ZINC	56.5 J	88.7 J	39.9 J	81.9 J	107	89.3

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 13A: Soil Analytical Results

Point ID	S16-01	S16-01	S16-02	S16-02	S16-03	S16-03	S16-04	S16-04	S16-05	S16-05	S16-06	S16-06
Sample ID	S16SS005	S16SS006	S16SS003	S16SS004	S16SS001	S16SS002	S16SS010	S16SS011	S16SS013	S16SS014	S16SS007	S16SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/14/95	03/14/95	03/14/95	03/14/95	03/14/95	03/14/95	03/15/95	03/15/95	03/15/95	03/15/95	03/15/95	03/15/95
Sample Depth (in feet)	0.50 - 1.00	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
Pesticides (in mg/Kg)												
4,4'-DDD	--	--	--	--	--	--	0.004 U	0.004 U	120 U*	0.008 U	0.004 U	0.004 U
4,4'-DDE	--	--	--	--	--	--	0.05 #!	0.004 U	43 J*#!	0.008 U	0.06 #!	0.004 U
4,4'-DDT	--	--	--	--	--	--	0.09	0.004 U	2,100 *	0.2	0.6	0.004 U
ALDRIN	--	--	--	--	--	--	0.02	0.002 U	77 U	0.004 U	0.002 U	0.002 U
ALPHA-BHC	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
ALPHA-CHLORDANE	--	--	--	--	--	--	0.4 *	0.02	330 *	0.1	0.4 *	0.002 U
AROCLOR-1016	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
AROCLOR-1221	--	--	--	--	--	--	0.08 U	0.08 U	3,100 U	0.2 U	0.07 U	0.08 U
AROCLOR-1232	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
AROCLOR-1242	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
AROCLOR-1248	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
AROCLOR-1254	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
AROCLOR-1260	--	--	--	--	--	--	0.04 U	0.04 U	1,500 U	0.08 U	0.04 U	0.04 U
BETA-BHC	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
DELTA-BHC	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
DIELDRIN	--	--	--	--	--	--	0.1 *	0.005	170 *	0.02	0.2 *	0.002 J
ENDOSULFAN I	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
ENDOSULFAN II	--	--	--	--	--	--	0.004 U	0.004 U	150 U	0.008 U	0.004 U	0.004 U
ENDOSULFAN SULFATE	--	--	--	--	--	--	0.004 U	0.004 U	150 U	0.008 U	0.004 U	0.004 U
ENDRIN	--	--	--	--	--	--	0.004 U	0.004 U	150 U	0.008 U	0.004 U	0.004 U
ENDRIN ALDEHYDE	--	--	--	--	--	--	0.004 U	0.004 U	150 U	0.008 U	0.004 U	0.004 U
ENDRIN KETONE	--	--	--	--	--	--	0.004 U	0.004 U	150 U	0.008 U	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
GAMMA-CHLORDANE	--	--	--	--	--	--	0.4 *	0.02	350 *	0.1	0.4 *	0.001 J
HEPTACHLOR	--	--	--	--	--	--	0.009	0.002 U	160 *	0.01	0.04	0.002 U
HEPTACHLOR EPOXIDE	--	--	--	--	--	--	0.002 U	0.002 U	77 U	0.004 U	0.002 U	0.002 U
METHOXYCHLOR	--	--	--	--	--	--	0.02 U	0.02 U	770 U	0.04 U	0.02 U	0.02 U
TOXAPHENE	--	--	--	--	--	--	0.2 U	0.2 U	7,700 U	0.4 U	0.2 U	0.2 U
CLP Metals (in mg/Kg)												
ALUMINUM	--	--	--	--	--	--	15,700	18,200	12,300	12,500	23,100	16,400
ANTIMONY	--	--	--	--	--	--	0.35 UJ	0.76 J	0.53 J	0.36 UJ	0.83 J	0.73 J
ARSENIC	--	--	--	--	--	--	8.3 *!	3.3 *	7.7 *	3.8 *	23.7 *!	4.4 *
BARIUM	--	--	--	--	--	--	186	113	138	131	17.3	179
BERYLLIUM	--	--	--	--	--	--	0.10 U	0.14 U	0.18 U	0.17 U	0.020 U	0.25 U
CADMIUM	--	--	--	--	--	--	0.050 U	0.050 U	0.050 U	0.050 U	0.040 U	0.050 U
CALCIUM	--	--	--	--	--	--	13,300	2,840	4,080	3,090	10,200	2,810
CHROMIUM	--	--	--	--	--	--	37.9	38.5	28.6	32.1	22.2	34.3

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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07/28/96

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Table 13A: Soil Analytical Results

Point ID	S16-01	S16-01	S16-02	S16-02	S16-03	S16-03	S16-04	S16-04	S16-05	S16-05	S16-06	S16-06
Sample ID	S16SS005	S16SS006	S16SS003	S16SS004	S16SS001	S16SS002	S16SS010	S16SS011	S16SS013	S16SS014	S16SS007	S16SS008
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/14/95	03/14/95	03/14/95	03/14/95	03/14/95	03/14/95	03/15/95	03/15/95	03/15/95	03/15/95	03/15/95	03/15/95
Sample Depth (in feet)	0.50 - 1.00	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
CLP Metals (in mg/kg)												
COBALT	--	--	--	--	--	--	14.1	9.5	14.0	13.4	22.5	14.8
COPPER	--	--	--	--	--	--	25.5 J	21.1 J	20.5 J	23.3 J	45.8 J !	15.8 J
IRON	--	--	--	--	--	--	20,400	20,400	16,100	19,000	33,900	20,700
LEAD	--	--	--	--	--	--	8.3	7.0	6.6	7.3	6.4	8.5 J
MAGNESIUM	--	--	--	--	--	--	5,610	4,770	5,180	6,090	13,500	6,090
MANGANESE	--	--	--	--	--	--	478 J	337 J	611 J	517 J	422 J	494 J
MERCURY	--	--	--	--	--	--	0.060 U	0.060 U	0.060 U	0.060 U	0.21 !	0.060 U
MOLYBDENUM	--	--	--	--	--	--	0.52 U	0.52 U	0.51 U	0.52 U	0.47 U	0.52 UJ
NICKEL	--	--	--	--	--	--	40.0 !	84.0 !	44.4 !	42.1 !	16.4	41.2 !
POTASSIUM	--	--	--	--	--	--	1,630 J	1,690 J	979 J	1,220 J	836 J	1,590 J
SELENIUM	--	--	--	--	--	--	0.45 U	0.49 U	0.48 U	0.50 U	0.45 U	0.50 UJ
SILVER	--	--	--	--	--	--	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
SODIUM	--	--	--	--	--	--	126	177	104	149	521	157
THALLIUM	--	--	--	--	--	--	0.47 U	0.47 U	0.89	0.47 U	1.1	0.47 UJ
VANADIUM	--	--	--	--	--	--	52.6	53.8	39.1	48.5	85.0	50.3
ZINC	--	--	--	--	--	--	49.4	39.3	37.5	39.7	261 * !	40.7 J
Miscellaneous												
ASBESTOS	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

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Table 13A: Soil Analytical Results

Point ID	S16-06	S16-06	S16-07	S16-07	S16-08	S16-08	S16-09	S16-09	S16-10	S16-10	S16-10	S16-11
Sample ID	S16SS009	S16SS012	S16SS015	S16SS016	S16SS017	S16SS018	S16SS019	S16SS020	S16SS021	S16SS022	S16SS023	S16SS024
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/15/95	03/15/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95
Sample Depth (in feet)	10.00 - 11.00	14.00 - 15.00	0.50 - 1.00	5.00 - 5.50	1.00 - 1.50	4.50 - 5.00	0.50 - 1.00	5.00 - 5.50	0.00 - 0.50	2.00 - 2.50	4.50 - 5.00	0.50 - 1.00
Pesticides (in mg/kg)												
4,4'-DDD	0.004 U	0.004 U	0.002 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 J	0.004 U	0.004 U	0.004 U
4,4'-DDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.03 #	0.004 U	0.004 U	0.004 U
4,4'-DDT	0.004 U	0.004 U	0.009	0.002 J	0.004 U	0.004 U	0.004 U	0.004 U	0.2	0.004 U	0.004 U	0.005
ALDRIN	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
ALPHA-CHLORDANE	0.002 U	0.002 U	0.002 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02	0.002 U	0.002 U	0.002 U
AROCLOR-1016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
AROCLOR-1221	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.4 U	0.08 U	0.08 U	0.08 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
AROCLOR-1260	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.2 U	0.04 U	0.04 U	0.04 U
BETA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
DIELDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.01 J	0.004 U	0.004 U	0.004 U
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 U	0.004 U	0.004 U	0.004 U
ENDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 U	0.004 U	0.004 U	0.004 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 U	0.004 U	0.004 U	0.004 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.02 U	0.004 U	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
GAMMA-CHLORDANE	0.002 U	0.002 U	0.002	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.03	0.002 U	0.002 U	0.002 U
HEPTACHLOR	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.009 U	0.002 U	0.002 U	0.002 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.09 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.9 U	0.2 U	0.2 U	0.2 U
CLP Metals (in mg/kg)												
ALUMINUM	8,740	16,400	--	--	--	--	--	--	--	--	--	--
ANTIMONY	0.38 J	0.59 J	--	--	--	--	--	--	--	--	--	--
ARSENIC	3.4 *	3.3 *	--	--	--	--	--	--	--	--	--	--
BARIUM	99.9	121	--	--	--	--	--	--	--	--	--	--
BERYLLIUM	0.11 U	0.11 U	--	--	--	--	--	--	--	--	--	--
CADMIUM	0.050 U	0.050 U	--	--	--	--	--	--	--	--	--	--
CALCIUM	2,370	3,070	--	--	--	--	--	--	--	--	--	--
CHROMIUM	19.6	33.1	--	--	--	--	--	--	--	--	--	--

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

: = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 13A: Soil Analytical Results

Point ID	S16-06	S16-06	S16-07	S16-07	S16-08	S16-08	S16-09	S16-09	S16-10	S16-10	S16-10	S16-11
Sample ID	S16SS009	S16SS012	S16SS015	S16SS016	S16SS017	S16SS018	S16SS019	S16SS020	S16SS021	S16SS022	S16SS023	S16SS024
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/15/95	03/15/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95
Sample Depth (in feet)	10.00 - 11.00	14.00 - 15.00	0.50 - 1.00	5.00 - 5.50	1.00 - 1.50	4.50 - 5.00	0.50 - 1.00	5.00 - 5.50	0.00 - 0.50	2.00 - 2.50	4.50 - 5.00	0.50 - 1.00
CLP Metals (in mg/KG)												
COBALT	10.6	13.7	--	--	--	--	--	--	--	--	--	--
COPPER	16.7 J	22.1 J	--	--	--	--	--	--	--	--	--	--
IRON	15,500	19,500	--	--	--	--	--	--	--	--	--	--
LEAD	5.8	6.6	--	--	--	--	--	--	--	--	--	--
MAGNESIUM	3,800	5,010	--	--	--	--	--	--	--	--	--	--
MANGANESE	441 J	538 J	--	--	--	--	--	--	--	--	--	--
MERCURY	0.060 U	0.060 U	--	--	--	--	--	--	--	--	--	--
MOLYBDENUM	0.65 U	0.51 U	--	--	--	--	--	--	--	--	--	--
NICKEL	26.4 J	59.6 J	--	--	--	--	--	--	--	--	--	--
POTASSIUM	1,090 J	1,730 J	--	--	--	--	--	--	--	--	--	--
SELENIUM	0.48 U	0.48 U	--	--	--	--	--	--	--	--	--	--
SILVER	0.14 U	0.14 U	--	--	--	--	--	--	--	--	--	--
SODIUM	128	518	--	--	--	--	--	--	--	--	--	--
THALLIUM	0.45 U	0.70	--	--	--	--	--	--	--	--	--	--
VANADIUM	36.0	49.9	--	--	--	--	--	--	--	--	--	--
ZINC	40.2	42.2	--	--	--	--	--	--	--	--	--	--
Miscellaneous												
ASBESTOS	0.01 U	0.01 U	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 13A: Soil Analytical Results

Point ID	S16-11	S16-11	S16-12	S16-12	S16-13
Sample ID	S16SS025	S16SS026	S16SS027	S16SS028	S16SS029
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95
Sample Depth (in feet)	2.00 - 2.50	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.00 - 0.50
Pesticides (in mg/Kg)					
4,4'-DDD	0.004 U	0.004 U	0.004 U	0.004 U	0.009
4,4'-DDE	0.004 U	0.004 U	0.004 U	0.004 U	0.006 J !
4,4'-DDT	0.004 U	0.005	0.004 U	0.004 U	0.08
ALDRIN	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
ALPHA-CHLORDANE	0.002 U	0.003	0.002 U	0.002 U	0.01
AROCLOR-1016	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
AROCLOR-1221	0.08 U	0.08 U	0.08 U	0.08 U	0.2 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
AROCLOR-1260	0.04 U	0.04 U	0.04 U	0.04 U	0.08 U
BETA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
DIELDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.007 J
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U
ENDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 U	0.004 U	0.008 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
GAMMA-CHLORDANE	0.002 U	0.003	0.002 U	0.002 U	0.01
HEPTACHLOR	0.002 U	0.001 J	0.002 U	0.002 U	0.004 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U
CLP Metals (in mg/Kg)					
ALUMINUM	--	--	--	--	--
ANTIMONY	--	--	--	--	--
ARSENIC	--	--	--	--	--
BARIUM	--	--	--	--	--
BERYLLIUM	--	--	--	--	--
CADMIUM	--	--	--	--	--
CALCIUM	--	--	--	--	--
CHROMIUM	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 13A: Soil Analytical Results

Point ID	S16-11	S16-11	S16-12	S16-12	S16-13
Sample ID	S16SS025	S16SS026	S16SS027	S16SS028	S16SS029
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	10/13/95	10/13/95	10/13/95	10/13/95	10/13/95
Sample Depth (in feet)	2.00 - 2.50	5.00 - 5.50	0.50 - 1.00	5.00 - 5.50	0.00 - 0.50
CLP Metals (in mg/Kg)					
COBALT	--	--	--	--	--
COPPER	--	--	--	--	--
IRON	--	--	--	--	--
LEAD	--	--	--	--	--
MAGNESIUM	--	--	--	--	--
MANGANESE	--	--	--	--	--
MERCURY	--	--	--	--	--
MOLYBDENUM	--	--	--	--	--
NICKEL	--	--	--	--	--
POTASSIUM	--	--	--	--	--
SELENIUM	--	--	--	--	--
SILVER	--	--	--	--	--
SODIUM	--	--	--	--	--
THALLIUM	--	--	--	--	--
VANADIUM	--	--	--	--	--
ZINC	--	--	--	--	--
Miscellaneous					
ASBESTOS	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed
Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.
Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.
! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 14A: Soil Analytical Results

Point ID	S17-01	S17-01	S17-01	S17-02	S17-02	S17-02
Sample ID	S17SS001	S17SS002	S17SS003	S17SS004	S17SS005	S17SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 15.50	5.00 - 6.00	10.00 - 10.50	15.50 - 16.00
Volatiles (in mg/Kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ
2-HEXANONE	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.03 U	0.03 U	0.03 U	0.05 U	0.04 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 14A: Soil Analytical Results

Point ID	S17-01	S17-01	S17-01	S17-02	S17-02	S17-02
Sample ID	S17SS001	S17SS002	S17SS003	S17SS004	S17SS005	S17SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 15.50	5.00 - 6.00	10.00 - 10.50	15.50 - 16.00
Semivolatiles (in mg/kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	0.9 U	1 U	0.9 U	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	0.9 U	1 U	0.9 U	1 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	0.9 U	1 U	0.9 U	1 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	0.9 U	1 U	0.9 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.9 U	1 U	0.9 U	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	0.9 U	1 U	0.9 U	1 U	1 U	1 U
4-NITROPHENOL	0.9 U	1 U	0.9 U	1 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 14A: Soil Analytical Results

Point ID	S17-01	S17-01	S17-01	S17-02	S17-02	S17-02
Sample ID	S17SS001	S17SS002	S17SS003	S17SS004	S17SS005	S17SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 15.50	5.00 - 6.00	10.00 - 10.50	15.50 - 16.00
Semivolatiles (in mg/Kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	0.9 U	1 U	0.9 U	1 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.2 J	0.4 U	0.2 J	0.8	0.1 J	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/Kg)						
ALUMINUM	15,600	15,700	17,000	15,400	19,700	17,700
ANTIMONY	0.69 J	0.59 J	0.82 J	0.85 J	0.73 J	0.53 J
ARSENIC	1.6 *	3.0 *	1.4 U	2.4 *	1.6 J *	1.4 U
BARIUM	101	138	140	166	147	106
BERYLLIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	8,530	6,460	6,680	7,930	10,300	8,010
CHROMIUM	55.7	47.3	42.1	65.9	70.3	56.9
COBALT	18.1	26.7	19.4	21.1	24.6	22.1
COPPER	52.3 !	199 !	47.2 !	98.8 !	61.9 !	63.8 !
IRON	25,300	51,100	32,000	31,400	28,700	31,500
LEAD	3.3	7.6	3.5	5.0	4.5 J	3.6

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 14A: Soil Analytical Results

Point ID	S17-01	S17-01	S17-01	S17-02	S17-02	S17-02
Sample ID	S17SS001	S17SS002	S17SS003	S17SS004	S17SS005	S17SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95	03/27/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 15.50	5.00 - 6.00	10.00 - 10.50	15.50 - 16.00
CLP Metals (in mg/kg)						
MAGNESIUM	11,000	9,390	12,100	11,100	12,300	13,600
MANGANESE	505 J	695 J	409 J	766 J	675 J	1,080 J
MERCURY	0.060 U	0.080	0.080	0.060 U	0.080	0.070
MOLYBDENUM	0.18 U	0.20 U	0.18 U	0.19 U	0.19 UJ	0.39 U
NICKEL	69.2 #!	84.0 #!	33.5 !	83.2 #!	136 #!	58.4 #!
POTASSIUM	941 J	959 J	583 J	714 J	1,190 J	868 J
SELENIUM	0.78 UJ	0.86 UJ	0.79 UJ	0.82 UJ	0.83 UJ	0.79 UJ
SILVER	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U
SODIUM	28.5 U	120 U	28.9 U	385	30.3 U	29.2 U
THALLIUM	2.0	0.48 U	3.8	0.70 U	0.35 UJ	0.34 U
VANADIUM	70.7	103	105	90.1	87.0	92.6
ZINC	65.6	81.1	77.7	73.6	73.1 J	81.8
Miscellaneous						
OIL & GREASE	28 U	31 U	41	29 U	35	28 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 15A: Soil Analytical Results

Point ID	S18-01	S18-01	S18-01	S18-02	S18-02	S18-02	S18-02	S18-03	S18-03	S18-04	S18-04	S18-05
Sample ID	S18SS013A	S18SS014A	S18SS015A	S18SS007	S18SS008	S18SS009	S18SS010	S18SS013	S18SS014	S18SS011	S18SS012	S18SS015
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/08/95	03/08/95	03/07/95	03/07/95	03/07/95	03/07/95	02/24/95	02/24/95	02/24/95	02/24/95	02/24/95
Sample Depth (in feet)	6.00 - 6.50	11.00 - 11.50	15.50 - 16.50	5.00 - 5.50	7.50 - 8.50	10.50 - 11.50	15.50 - 16.50	0.30 - 0.90	4.00 - 4.50	0.20 - 0.80	4.00 - 4.50	0.20 - 0.80
Aromatic Volatiles (in mg/kg)												
BENZENE	0.0006 U	0.0006 U	0.0006 U	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	0.0006 U	0.0006 U	0.0006 U	--	--	--	--	--	--	--	--	--
TOLUENE	0.0006 U	0.0006 U	0.0006 U	--	--	--	--	--	--	--	--	--
XYLENE (TOTAL)	0.004	0.0006 U	0.0006 U	--	--	--	--	--	--	--	--	--
Volatiles (in mg/kg)												
1,1,1-TRICHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
2-BUTANONE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
2-HEXANONE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
ACETONE	--	--	--	0.05 U	0.03 U	0.04 U	0.03 U	--	--	--	--	--
BENZENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
BROMOFORM	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
BROMOMETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CARBON DISULFIDE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CHLOROBENZENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CHLOROETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CHLOROFORM	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CHLOROMETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
ETHYLBENZENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	0.02 U	0.02 U	0.01 U	0.01 U	--	--	--	--	--
STYRENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
TOLUENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
TRICHLOROETHENE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
VINYL CHLORIDE	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 15A: Soil Analytical Results

Point ID	S18-01	S18-01	S18-01	S18-02	S18-02	S18-02	S18-02	S18-03	S18-03	S18-04	S18-04	S18-05
Sample ID	S18SS013A	S18SS014A	S18SS015A	S18SS007	S18SS008	S18SS009	S18SS010	S18SS013	S18SS014	S18SS011	S18SS012	S18SS015
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/08/95	03/08/95	03/07/95	03/07/95	03/07/95	03/07/95	02/24/95	02/24/95	02/24/95	02/24/95	02/24/95
Sample Depth (in feet)	6.00 - 6.50	11.00 - 11.50	15.50 - 16.50	5.00 - 5.50	7.50 - 8.50	10.50 - 11.50	15.50 - 16.50	0.30 - 0.90	4.00 - 4.50	0.20 - 0.80	4.00 - 4.50	0.20 - 0.80
Volatiles (in mg/Kg)												
XYLENE (TOTAL)	--	--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	--	--	--	--
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2-METHYLPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
2-NITROANILINE	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
2-NITROPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
3-NITROANILINE	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
4-CHLOROANILINE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
4-METHYLPHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
4-NITROANILINE	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
4-NITROPHENOL	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
ACENAPHTHENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
ACENAPHTHYLENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
ANTHRACENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BENZO(A)PYRENE	--	--	--	0.04 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	0.06 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 15A: Soil Analytical Results

Point ID	S18-01	S18-01	S18-01	S18-02	S18-02	S18-02	S18-02	S18-03	S18-03	S18-04	S18-04	S18-05
Sample ID	S18SS013A	S18SS014A	S18SS015A	S18SS007	S18SS008	S18SS009	S18SS010	S18SS013	S18SS014	S18SS011	S18SS012	S18SS015
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/08/95	03/08/95	03/07/95	03/07/95	03/07/95	03/07/95	02/24/95	02/24/95	02/24/95	02/24/95	02/24/95
Sample Depth (in feet)	6.00 - 6.50	11.00 - 11.50	15.50 - 16.50	5.00 - 5.50	7.50 - 8.50	10.50 - 11.50	15.50 - 16.50	0.30 - 0.90	4.00 - 4.50	0.20 - 0.80	4.00 - 4.50	0.20 - 0.80
Semivolatiles (in ug/Kg)												
BENZO(K)FLUORANTHENE	--	--	--	0.02 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
BUTYLBENZYLPHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
CARBAZOLE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
CHRYSENE	--	--	--	0.05 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DI-N-BUTYLPHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DI-N-OCTYLPHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DIBENZOFURAN	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DIETHYLPHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
DIMETHYLPHTHALATE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
FLUORANTHENE	--	--	--	0.08 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
FLUORENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
HEXACHLOROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
HEXACHLOROETHANE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
ISOPHORONE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
NAPHTHALENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
NITROBENZENE	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
PENTACHLOROPHENOL	--	--	--	0.9 U	1 U	1 U	1 U	--	--	--	--	--
PHENANTHRENE	--	--	--	0.03 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
PHENOL	--	--	--	0.4 U	0.4 U	0.4 U	0.4 U	--	--	--	--	--
PYRENE	--	--	--	0.08 J	0.4 U	0.4 U	0.4 U	--	--	--	--	--
Petroleum Indicators (in mg/Kg)												
DIESEL	12 U	12 U	11 U	110 U	11 U	11 U	11 U	--	--	--	--	--
MOTOR OIL	13	9 J	6 J	1,100	8 J	9 J	6 J	--	--	--	--	--
CLP Metals (in mg/Kg)												
ALUMINUM	14,000	12,300	10,300	8,770	12,300	7,180	11,700	11,100	8,300	10,100	14,000	7,410
ANTIMONY	0.35 UJ	0.56 U	0.34 UJ	0.33 U	0.34 U	0.46	0.34 U	0.43 U	0.50 U	0.73 U	0.77 U	0.34 U
ARSENIC	3.1 *	3.7 *	3.3 *	2.2 *	4.1 *	2.7 *	3.8 *	2.1 *	1.4 *	4.8 *	4.4 *	5.1 *
BARIUM	94.8	114	122	155	879	68.7	247	185	157	160	120	115

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 15A: Soil Analytical Results

Point ID	S18-01	S18-01	S18-01	S18-02	S18-02	S18-02	S18-02	S18-03	S18-03	S18-04	S18-04	S18-05
Sample ID	S18SS013A	S18SS014A	S18SS015A	S18SS007	S18SS008	S18SS009	S18SS010	S18SS013	S18SS014	S18SS011	S18SS012	S18SS015
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/08/95	03/08/95	03/08/95	03/07/95	03/07/95	03/07/95	03/07/95	02/24/95	02/24/95	02/24/95	02/24/95	02/24/95
Sample Depth (in feet)	6.00 - 6.50	11.00 - 11.50	15.50 - 16.50	5.00 - 5.50	7.50 - 8.50	10.50 - 11.50	15.50 - 16.50	0.30 - 0.90	4.00 - 4.50	0.20 - 0.80	4.00 - 4.50	0.20 - 0.80
CLP Metals (in mg/kg)												
BERYLLIUM	0.20 U	0.11 U	0.10 U	0.020 U	0.21 U	0.11 U	0.18 U	0.29 *	0.28 U	0.21 U	0.19 U	0.020 U
CADMIUM	0.050 U	0.050 U	0.050 U	0.040 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
CALCIUM	2,680	2,350	2,500	6,940	3,050	2,070	3,140	5,330	11,300	4,540	23,900	3,770
CHROMIUM	32.3	27.5	22.7	26.2	31.3	18.1	32.4	21.1	15.9	23.3	25.0	25.7
COBALT	7.7	14.5	12.1	10.5	12.1	6.5	15.2	10.9	8.9	10.2	8.7	13.2
COPPER	32.0	22.0	17.5	35.6 !	17.2	14.0	23.0	24.4	16.0	25.6	17.9	29.8
IRON	18,200	17,600	15,600	14,500	17,700	11,800	18,300	12,300	8,370	15,100	14,800	16,400
LEAD	6.4 U	6.5 U	5.9 U	35.6 !	7.1	4.8	7.6	9.8	5.1	16.0	6.0	15.7
MAGNESIUM	4,700	4,140	3,630	6,040	5,180	3,240	4,790	5,030	5,150	4,380	8,090	4,960
MANGANESE	279	554	545	284 J	413 J	231 J	679 J	585	212	457	341	534
MERCURY	0.060 U	0.060 U	0.060 U	0.060 J	0.060 UJ	0.29 J !	0.060 UJ	0.10	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.52 U	0.51 U	0.51 U	0.49 U	0.50 U	0.50 U	0.50 U	0.52 U	0.53 U	0.53 U	0.53 U	0.50 U
NICKEL	28.5 !	34.2 !	29.5 !	36.7 !	32.6 !	19.9	40.0 !	33.0 !	23.2 !	30.7 !	26.2 !	42.7 !
POTASSIUM	1,400 J	1,540 J	1,580 J	1,330 J	1,460 J	1,010 J	1,980 J	875 J	759 J	1,290 J	1,650 J	1,240 J
SELENIUM	0.50 U	0.48 U	0.48 U	0.47 U	0.48 U	0.48 U	0.48 U	0.50 U	0.50 U	0.51 U	0.50 U	0.48 U
SILVER	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
SODIUM	493	487	305	225	798	449	403	125	112	104	169	35.3
THALLIUM	0.47 U	0.90 U	0.46 U	0.44 U	0.46 U	0.45 U	0.46 U	0.48 U	0.48 U	0.48 U	0.48 U	0.45 U
VANADIUM	39.9	43.0	41.4	40.8	42.7	31.0	47.2	19.6	16.5	26.3	33.5	39.7
ZINC	41.4	40.6	35.4	54.6	39.5	29.7	44.3	38.4	27.7	50.8	38.1	48.9
Miscellaneous												
OIL & GREASE	30 U	42	29 U	470	53	38	46	--	--	--	--	--

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Table 15A: Soil Analytical Results

Point ID	S18-05	S18-06	S18-06	S18-07	S18-07	S18-08	S18-08	S18-09	S18-10	S18-11	S18-11	S18-12
Sample ID	S18SS016	S18SS017	S18SS018	S18SS019	S18SS020	S18SS021	S18SS022	S18SS023	S18SS025	S18SS026	S18SS027	S18SS028
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/24/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	3.50 - 4.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	1.50 - 2.00	2.50 - 3.00	2.00 - 2.50	9.50 - 10.00	2.00 - 2.50
Aromatic Volatiles (in mg/kg)												
BENZENE	--	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.001 U	0.0006 U	0.0006 U	0.0006 U
ETHYLBENZENE	--	0.0008	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.001 U	0.0006 U	0.0006 U	0.0006 U
TOLUENE	--	0.0006 U	0.0006 U	0.0006	0.0006 U	0.0006 U	0.0006 U	0.002	0.002	0.004	0.0006 U	0.0006
XYLENE (TOTAL)	--	0.02	0.0006 U	0.001	0.0006 U	0.0006 U	0.0006 U	0.001	0.02	0.01	0.0006 U	0.005
Volatiles (in mg/kg)												
1,1,1-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-TETRACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-TRICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,1-DICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROETHENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	--	--	--	--	--	--	--	--	--	--	--	--
2-BUTANONE	--	--	--	--	--	--	--	--	--	--	--	--
2-HEXANONE	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYL-2-PENTANONE	--	--	--	--	--	--	--	--	--	--	--	--
ACETONE	--	--	--	--	--	--	--	--	--	--	--	--
BENZENE	--	--	--	--	--	--	--	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
BROMOFORM	--	--	--	--	--	--	--	--	--	--	--	--
BROMOMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON DISULFIDE	--	--	--	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROFORM	--	--	--	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--	--	--	--

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Table 15A: Soil Analytical Results

Point ID	S18-05	S18-06	S18-06	S18-07	S18-07	S18-08	S18-08	S18-09	S18-10	S18-11	S18-11	S18-12
Sample ID	S18SS016	S18SS017	S18SS018	S18SS019	S18SS020	S18SS021	S18SS022	S18SS023	S18SS025	S18SS026	S18SS027	S18SS028
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/24/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	3.50 - 4.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	1.50 - 2.00	2.50 - 3.00	2.00 - 2.50	9.50 - 10.00	2.00 - 2.50
Volatiles (in mg/kg)												
XYLENE (TOTAL)	--	--	--	--	--	--	--	--	--	--	--	--
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,3-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
1,4-DICHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
2,2'-OXYBIS(1-CHLOROPROPANE)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
2-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-DICHLOROBENZIDINE	--	--	--	--	--	--	--	--	--	--	--	--
3-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4,6-DINITRO-2-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-BROMOPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLORO-3-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-CHLOROPHENYL-PHENYLETHER	--	--	--	--	--	--	--	--	--	--	--	--
4-METHYLPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROANILINE	--	--	--	--	--	--	--	--	--	--	--	--
4-NITROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHENE	--	--	--	--	--	--	--	--	--	--	--	--
ACENAPHTHYLENE	--	--	--	--	--	--	--	--	--	--	--	--
ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(A)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(B)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BENZO(G,H,I)PERYLENE	--	--	--	--	--	--	--	--	--	--	--	--

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Table 15A: Soil Analytical Results

Point ID	S18-05	S18-06	S18-06	S18-07	S18-07	S18-08	S18-08	S18-09	S18-10	S18-11	S18-11	S18-12
Sample ID	S18SS016	S18SS017	S18SS018	S18SS019	S18SS020	S18SS021	S18SS022	S18SS023	S18SS025	S18SS026	S18SS027	S18SS028
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/24/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	3.50 - 4.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	1.50 - 2.00	2.50 - 3.00	2.00 - 2.50	9.50 - 10.00	2.00 - 2.50
Semivolatiles (in mg/Kg)												
BENZO(K)FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHOXY)METHANE	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-CHLOROETHYL)ETHER	--	--	--	--	--	--	--	--	--	--	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
BUTYLBENZYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
CARBAZOLE	--	--	--	--	--	--	--	--	--	--	--	--
CHRYSENE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-BUTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DI-N-OCTYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZ(A,H)ANTHRACENE	--	--	--	--	--	--	--	--	--	--	--	--
DIBENZOFURAN	--	--	--	--	--	--	--	--	--	--	--	--
DIETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
DIMETHYLPHTHALATE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORANTHENE	--	--	--	--	--	--	--	--	--	--	--	--
FLUORENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROBUTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROCYCLOPENTADIENE	--	--	--	--	--	--	--	--	--	--	--	--
HEXACHLOROETHANE	--	--	--	--	--	--	--	--	--	--	--	--
INDENO(1,2,3-CD)PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
ISOPHORONE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSO-DI-N-PROPYLAMINE	--	--	--	--	--	--	--	--	--	--	--	--
N-NITROSODIPHENYLAMINE (1)	--	--	--	--	--	--	--	--	--	--	--	--
NAPHTHALENE	--	--	--	--	--	--	--	--	--	--	--	--
NITROBENZENE	--	--	--	--	--	--	--	--	--	--	--	--
PENTACHLOROPHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PHENANTHRENE	--	--	--	--	--	--	--	--	--	--	--	--
PHENOL	--	--	--	--	--	--	--	--	--	--	--	--
PYRENE	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Indicators (in mg/Kg)												
DIESEL	--	270 U	12 U	12 U	12 U	13 U	12 U	590 U	53 U	1,400 U	7 J	12 U
MOTOR OIL	--	1,900	12 U	34	12 U	13 U	12 U	6,400	340	9,700	11 U	18
CLP Metals (in mg/Kg)												
ALUMINUM	8,670	--	--	--	--	--	--	--	--	--	--	--
ANTIMONY	0.75 U	--	--	--	--	--	--	--	--	--	--	--
ARSENIC	2.0 *	--	--	--	--	--	--	--	--	--	--	--
BARIUM	149	--	--	--	--	--	--	--	--	--	--	--

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Table 15A: Soil Analytical Results

Point ID	S18-05	S18-06	S18-06	S18-07	S18-07	S18-08	S18-08	S18-09	S18-10	S18-11	S18-11	S18-12
Sample ID	S18SS016	S18SS017	S18SS018	S18SS019	S18SS020	S18SS021	S18SS022	S18SS023	S18SS025	S18SS026	S18SS027	S18SS028
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	02/24/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95	10/16/95
Sample Depth (in feet)	3.50 - 4.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	2.50 - 3.00	9.50 - 10.00	1.50 - 2.00	2.50 - 3.00	2.00 - 2.50	9.50 - 10.00	2.00 - 2.50
CLP Metals (in mg/kg)												
BERYLLIUM	0.26 U	--	--	--	--	--	--	--	--	--	--	--
CADMIUM	0.050 U	--	--	--	--	--	--	--	--	--	--	--
CALCIUM	19,700	--	--	--	--	--	--	--	--	--	--	--
CHROMIUM	21.5	--	--	--	--	--	--	--	--	--	--	--
COBALT	8.8	--	--	--	--	--	--	--	--	--	--	--
COPPER	15.4	--	--	--	--	--	--	--	--	--	--	--
IRON	10,100	--	--	--	--	--	--	--	--	--	--	--
LEAD	5.1	--	--	--	--	--	--	--	--	--	--	--
MAGNESIUM	4,970	--	--	--	--	--	--	--	--	--	--	--
MANGANESE	111	--	--	--	--	--	--	--	--	--	--	--
MERCURY	0.060 U	--	--	--	--	--	--	--	--	--	--	--
MOLYBDENUM	0.52 U	--	--	--	--	--	--	--	--	--	--	--
NICKEL	25.6	--	--	--	--	--	--	--	--	--	--	--
POTASSIUM	922 J	--	--	--	--	--	--	--	--	--	--	--
SELENIUM	0.50 U	--	--	--	--	--	--	--	--	--	--	--
SILVER	0.14 U	--	--	--	--	--	--	--	--	--	--	--
SODIUM	112	--	--	--	--	--	--	--	--	--	--	--
THALLIUM	0.47 U	--	--	--	--	--	--	--	--	--	--	--
VANADIUM	19.6	--	--	--	--	--	--	--	--	--	--	--
ZINC	30.7	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous												
OIL & GREASE	--	--	--	--	--	--	--	--	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

1 = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 15B: Groundwater Analytical Results

Point ID	S18-01	S18-02
Sample ID	S18GW016	S18GW017
Matrix	WATER	WATER
Sample Date	03/08/95	03/09/95
Volatiles (in µg/L)		
1,1,1-TRICHLOROETHANE	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U
1,2-DICHLOROPROPANE	10 U	10 U
2-BUTANONE	10 U	10 U
2-HEXANONE	10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U
ACETONE	10 U	10 U
BENZENE	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U
BROMOFORM	10 U	10 U
BROMOMETHANE	10 U	10 U
CARBON DISULFIDE	10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U
CHLOROBENZENE	10 U	10 U
CHLOROETHANE	10 U	10 U
CHLOROFORM	10 U	10 U
CHLOROMETHANE	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U
ETHYLBENZENE	10 U	10 U
METHYLENE CHLORIDE	10 U	10 U
STYRENE	10 U	10 U
TETRACHLOROETHENE	10 U	10 U
TOLUENE	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U
TRICHLOROETHENE	10 U	10 U
VINYL CHLORIDE	10 U	10 U
XYLENE (TOTAL)	10 U	10 U
Semivolatiles (in µg/L)		
1,2,4-TRICHLOROBENZENE	10 J	10 U
1,2-DICHLOROBENZENE	5 U	5 U
1,3-DICHLOROBENZENE	5 U	5 U
1,4-DICHLOROBENZENE	5 U	5 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 15B: Groundwater Analytical Results

Point ID	S18-01	S18-02
Sample ID	S18GW016	S18GW017
Matrix	WATER	WATER
Sample Date	03/08/95	03/09/95
Semivolatiles (in ug/l)		
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U
2,4-DINITROPHENOL	25 U	25 U
2,4-DINITROTOLUENE	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U
2-CHLORONAPETHALENE	10 U	10 U
2-CHLOROPHENOL	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U
2-METHYLPHENOL	10 U	10 U
2-NITROANILINE	25 U	25 U
2-NITROPHENOL	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U
3-NITROANILINE	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U
4-CHLOROANILINE	10 U	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U
4-METHYLPHENOL	10 U	10 U
4-NITROANILINE	25 U	25 U
4-NITROPHENOL	25 U	25 U
ACENAPHTHENE	10 U	10 U
ACENAPHTHYLENE	10 U	10 U
ANTHRACENE	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U
BENZO(A)PYRENE	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 U	11 U
BUTYLBENZYLPHTHALATE	10 U	10 U
CARBAZOLE	10 U	10 U
CHRYSENE	10 U	10 U
DI-N-BUTYLPHTHALATE	10 U	10 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 15B: Groundwater Analytical Results

Point ID	S18-01	S18-02
Sample ID	S18GW016	S18GW017
Matrix	WATER	WATER
Sample Date	03/08/95	03/09/95
Semivolatiles (in µg/L)		
DI-N-OCTYLPHTHALATE	10 U	10 U
DIBENZ(A,H)ANTHRACENE	10 U	10 U
DIBENZOFURAN	10 U	10 U
DIETHYLPHTHALATE	10 U	10 U
DIMETHYLPHTHALATE	10 U	10 U
FLUORANTHENE	10 U	10 U
FLUORENE	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U
HEXACHLOROETHANE	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U
ISOPHORONE	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U
N-NITROSODIPHENYLAMINE (1)	10 U	10 U
NAPHTHALENE	10 U	10 U
NITROBENZENE	10 U	10 U
PEXTACHLOROPHENOL	25 U	25 U
PHENANTHRENE	10 U	10 U
PHENOL	10 U	10 U
PYRENE	10 U	10 U
Petroleum Indicators (in µg/L)		
DIESEL	100 U	100 U
MOTOR OIL	740 J	540 J
Old Metals (in µg/L)		
ALUMINUM	226,000 J	300,000 J
ANTIMONY	6.0 U	6.1 U
ARSENIC	65.7 J α$	91.9 J α$
BARIUM	1,560 J	2,940 J
BERYLLIUM	0.10 U	2.3 J
CADMIUM	3.6 J	5.7 J
CALCIUM	140,000 J	190,000 J
CHROMIUM	693 J $	779 J $
COBALT	162 J	268 J
COPPER	666 J α$	435 J α
IRON	341,000 J	464,000 J
LEAD	161 J α$	123 J α$
MAGNESIUM	156,000 J	213,000 J

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

$ = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 15B: Groundwater Analytical Results

Point ID	S18-01	S18-02
Sample ID	S18GW016	S18GW017
Matrix	WATER	WATER
Sample Date	03/08/95	03/09/95
CLP Metals (in µg/L)		
MANGANESE	5,280 J	9,720 J
MERCURY	0.94 J αß	1.0 J αß
MOLYBDENUM	14.7 J	2.2 UJ
NICKEL	1,080 J αß	4,480 J αß
POTASSIUM	49,100 J	47,600 J
SELENIUM	2.1 UJ	2.1 UJ
SILVER	0.60 U	0.60 U
SODIUM	117,000 J	131,000 J
THALLIUM	13.1 J	16.9 J
VANADIUM	711 J	974 J
ZINC	855 J αß	1,280 J αß
Miscellaneous		
OIL & GREASE	5 U	5 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 16A: Soil Analytical Results

Point ID	S22-01	S22-01	S22-01	S22-02	S22-02	S22-02	S22-03	S22-03	S22-03	S22-04	S22-04	S22-05
Sample ID	S22SS006	S22SS007	S22SS008	S22SS003	S22SS004	S22SS005	S22SS011	S22SS012	S22SS013	S22SS009	S22SS010	S22SS001
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.00 - 11.00	15.50 - 16.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.04 U	0.01 U	0.1 U	0.05 U	0.02 U	0.01 UJ	0.01 U	0.01 U	0.03 U	0.04 U	0.03 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

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Table 16A: Soil Analytical Results

Point ID	S22-01	S22-01	S22-01	S22-02	S22-02	S22-02	S22-03	S22-03	S22-03	S22-04	S22-04	S22-05
Sample ID	S22SS005	S22SS007	S22SS008	S22SS003	S22SS004	S22SS005	S22SS011	S22SS012	S22SS013	S22SS009	S22SS010	S22SS001
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.50	10.50 - 12.50	15.50 - 16.50	5.00 - 6.00	10.00 - 11.00	15.50 - 16.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00
SemiVolatiles (in mg/Kg)												
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.7 U	0.4 U	0.2 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

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Table 16A: Soil Analytical Results

Point ID	S22-01	S22-01	S22-01	S22-02	S22-02	S22-02	S22-03	S22-03	S22-03	S22-04	S22-04	S22-05
Sample ID	S22SS006	S22SS007	S22SS008	S22SS003	S22SS004	S22SS005	S22SS011	S22SS012	S22SS013	S22SS009	S22SS010	S22SS001
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.00 - 11.00	15.50 - 16.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00
Semivolatiles (in mg/kg)												
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.3 J	0.2 J	0.2 J	0.8	0.2 J	0.5	1	0.7	0.4 U	0.4 U	0.4 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Explosives (in mg/kg)												
1,3,5-TRINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3-DINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4,6-TRINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
3-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
HMX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RDX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRYL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

07/28/96

Naval Weapon Station Concord SWMU 22 Laboratory Sampling Report

Table 16A: Soil Analytical Results

Point ID	S22-01	S22-01	S22-01	S22-02	S22-02	S22-02	S22-03	S22-03	S22-03	S22-04	S22-04	S22-05
Sample ID	S22SS006	S22SS007	S22SS008	S22SS003	S22SS004	S22SS005	S22SS011	S22SS012	S22SS013	S22SS009	S22SS010	S22SS001
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95	04/10/95
Sample Depth (in feet)	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.00 - 11.00	15.50 - 16.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00
CLP Metals (in mg/kg)												
ALUMINUM	10,100	9,490	8,170	9,380	10,500	9,410	7,900	8,110	9,610	10,400	10,300	6,440
ANTIMONY	0.45 J	0.43 UJ	0.43 J	0.44 UJ	0.44 UJ	0.61 J	0.44 UJ	0.54 J	0.47 UJ	0.56 J	0.47 UJ	0.44 UJ
ARSENIC	3.4 *	3.9 *	3.3 *	3.8 *	8.7 *	4.0 *	3.9 *	3.7 *	4.4 *	3.5 *	3.4 *	2.8 *
BARIUM	120	110	84.2	102	113	105	127	78.5	87.2	94.7	111	75.2
BERYLLIUM	0.24 *	0.21 U	0.15 U	0.20 U	0.24 *	0.20 U	0.18 U	0.17 U	0.21 U	0.17 U	0.22 *	0.16 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	2,980	2,830	2,310	2,910	3,080	10,400	21,400	3,020	7,770	2,290	2,830	2,010
CHROMIUM	18.9	17.3	15.3	20.4	19.9	17.8	16.6	17.5	19.7	18.6	17.5	11.9
COBALT	11.0	9.6	8.2	10.5	8.4	8.5	8.7	10.4	9.6	8.2	8.2	8.0
COPPER	21.1 J	16.1 J	14.1 J	16.6 J	18.2 J	15.1 J	16.4 J	14.7 J	20.9 J	21.1 J	23.0 J	13.3 J
IRON	19,500	17,700	14,300	18,600	17,700	15,500	16,500	19,100	22,400	15,100	16,300	12,900
LEAD	6.5	5.8	4.9	6.7	5.5	5.0	5.2	4.8	6.0	7.6	6.0	6.0
MAGNESIUM	4,780	4,340	3,870	4,210	4,370	4,270	12,200	6,000	7,300	3,330	4,700	2,740
MANGANESE	437	316	273	374	247	253	220	235	224	340	284	284
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.050 U	0.060 U	0.060 U
MOLYBDENUM	0.19 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U	0.20 U	0.17 U	0.20 U	0.19 U
NICKEL	18.6	16.0	12.5	18.5	15.8	14.1	10.7	12.2	12.6	12.9	12.6	9.5
POTASSIUM	2,080 J	1,960 J	1,940 J	1,730 J	2,020 J	2,090 J	2,020 J	2,080 J	2,320 J	2,920 J	2,650 J	1,370 J
SELENIUM	0.82 U	0.79 U	0.79 U	0.81 U	0.81 U	0.80 U	0.82 U	0.82 U	0.87 U	0.76 U	0.86 U	0.82 U
SILVER	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U	0.11 U	0.12 U	0.12 U
SODIUM	62.7 U	136 U	223	159 U	118 U	68.5 U	317	88.8 U	111 U	107 U	228	30.1 U
THALLIUM	0.35 U	0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.37 U	0.55 U	0.37 U	0.35 U
VANADIUM	38.2	34.4	29.4	39.2	34.3	30.8	29.6	31.0	38.5	33.9	33.1	28.1
ZINC	63.8	45.5	38.4 U	43.6	45.0	42.0 U	51.1	51.6	61.5	60.9	48.9	50.4
Percent Moisture (Percent)												
PERCENT MOISTURE	4.6	2.9	3.1	4.5	3.1	3.6	2.3	5.0	6.1	7.4	6.7	6.4
Miscellaneous												
OIL & GREASE	29 U	28 U	28 U	29 U	29 U	29 U	29 U	90	150	43	37	43

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

07/28/96

Table 16A: Soil Analytical Results

Point ID	S22-05
Sample ID	S22SS002
Matrix	SOIL
Sample Date	04/10/95
Sample Depth (in feet)	4.00 - 5.00
Volatiles (in mg/kg)	
1,1,1-TRICHLOROETHANE	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U
1,1-DICHLOROETHANE	0.01 U
1,1-DICHLOROETHENE	0.01 U
1,2-DICHLOROETHANE	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U
1,2-DICHLOROPROPANE	0.01 U
2-BUTANONE	0.01 U
2-HEXANONE	0.01 U
4-METHYL-2-PENTANONE	0.01 U
ACETONE	0.04 U
BENZENE	0.01 U
BROMODICHLOROMETHANE	0.01 U
BROMOFORM	0.01 U
BROMOMETHANE	0.01 U
CARBON DISULFIDE	0.01 U
CARBON TETRACHLORIDE	0.01 U
CHLOROBENZENE	0.01 U
CHLOROETHANE	0.01 U
CHLOROFORM	0.01 U
CHLOROMETHANE	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U
DIBROMOCHLOROMETHANE	0.01 U
ETHYLBENZENE	0.01 U
METHYLENE CHLORIDE	0.01 U
STYRENE	0.01 U
TETRACHLOROETHENE	0.01 U
TOLUENE	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U
TRICHLOROETHENE	0.01 U
VINYL CHLORIDE	0.01 U
XYLENE (TOTAL)	0.01 U
Semivolatiles (in mg/kg)	
1,2,4-TRICHLOROBENZENE	0.4 U
1,2-DICHLOROBENZENE	0.4 U
1,3-DICHLOROBENZENE	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 16A: Soil Analytical Results

Point ID	S22-05
Sample ID	S22SS002
Matrix	SOIL
Sample Date	04/10/95
Sample Depth (in feet)	4.00 - 5.00
Semivolatiles (in mg/kg)	
1,4-DICHLOROBENZENE	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U
2,4,5-TRICHLOROPHENOL	1 U
2,4,6-TRICHLOROPHENOL	0.4 U
2,4-DICHLOROPHENOL	0.4 U
2,4-DIMETHYLPHENOL	0.4 U
2,4-DINITROPHENOL	1 U
2,4-DINITROTOLUENE	0.4 U
2,6-DINITROTOLUENE	0.4 U
2-CHLORONAPHTHALENE	0.4 U
2-CHLOROPHENOL	0.4 U
2-METHYLNAPHTHALENE	0.4 U
2-METHYLPHENOL	0.4 U
2-NITROANILINE	1 U
2-NITROPHENOL	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U
3-NITROANILINE	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U
4-CHLOROANILINE	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U
4-METHYLPHENOL	0.4 U
4-NITROANILINE	1 U
4-NITROPHENOL	1 U
ACENAPHTHENE	0.4 U
ACENAPHTHYLENE	0.4 U
ANTHRACENE	0.4 U
BENZO(A)ANTHRACENE	0.4 U
BENZO(A)PYRENE	0.4 U
BENZO(B)FLUORANTHENE	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U
BENZO(K)FLUORANTHENE	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 16A: Soil Analytical Results

Point ID	S22-05
Sample ID	S22SS002
Matrix	SOIL
Sample Date	04/10/95
Sample Depth (in feet)	4.00 - 5.00
Semivolatiles (in mg/kg)	
CARBAZOLE	0.4 U
CHRYSENE	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U
DIBENZOFURAN	0.4 U
DIETHYLPHTHALATE	0.4 U
DIMETHYLPHTHALATE	0.4 U
FLUORANTHENE	0.4 U
FLUORENE	0.4 U
HEXACHLOROBENZENE	0.4 U
HEXACHLOROBUTADIENE	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U
HEXACHLOROETHANE	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U
ISOPHORONE	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U
NAPHTHALENE	0.4 U
NITROBENZENE	0.4 U
PENTACHLOROPHENOL	1 U
PHENANTHRENE	0.4 U
PHENOL	0.4 U
PYRENE	0.4 U
Explosives (in mg/kg)	
1,3,5-TRINITROBENZENE	0.1 U
1,3-DINITROBENZENE	0.1 U
2,4,6-TRINITROTOLUENE	0.1 U
2,4-DINITROTOLUENE	0.1 U
2,6-DINITROTOLUENE	0.1 U
2-NITROTOLUENE	0.1 U
3-NITROTOLUENE	0.1 U
4-NITROTOLUENE	0.1 U
HMX	0.1 U
NITROBENZENE	0.1 U
RDX	0.1 U
TETRYL	0.1 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

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Table 16A: Soil Analytical Results

Point ID	S22-05
Sample ID	S22SS002
Matrix	SOIL
Sample Date	04/10/95
Sample Depth (in feet)	4.00 - 5.00
CLP Metals (in mg/kg)	
ALUMINUM	7,910
ANTIMONY	0.53 J
ARSENIC	9.3 *
BARIUM	105
BERYLLIUM	0.23 *
CADMIUM	0.020 U
CALCIUM	2,630
CHROMIUM	14.4
COBALT	7.6
COPPER	22.9 J
IRON	14,000
LEAD	5.8
MAGNESIUM	3,790
MANGANESE	276
MERCURY	0.060 U
MOLYBDENUM	0.68 U
NICKEL	11.2
POTASSIUM	2,180 J
SELENIUM	0.86 U
SILVER	0.12 U
SODIUM	109 U
THALLIUM	0.37 U
VANADIUM	30.3
ZINC	42.4 U
Percent Moisture (percent)	
PERCENT MOISTURE	2.4
Miscellaneous	
OIL & GREASE	31 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 17A: Soil Analytical Results

Point ID	S23-01	S23-01	S23-01	S23-02	S23-02	S23-02
Sample ID	S23SS005	S23SS006	S23SS007	S23SS001	S23SS002	S23SS003
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Volatiles (in mg/Kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.02 U	0.03 U	0.03 U	0.02 U	0.02 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 17A: Soil Analytical Results

Point ID	S23-01	S23-01	S23-01	S23-02	S23-02	S23-02
Sample ID	S23SS005	S23SS006	S23SS007	S23SS001	S23SS002	S23SS003
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Semivolatiles (in mg/Kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
4-NITROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 17A: Soil Analytical Results

Point ID	S23-01	S23-01	S23-01	S23-02	S23-02	S23-02
Sample ID	S23SS005	S23SS006	S23SS007	S23SS001	S23SS002	S23SS003
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Semivolatiles (in mg/kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	0.9 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	1	0.2 J	0.4 U	1	0.4 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Explosives (in mg/kg)						
1,3,5-TRINITROBENZENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
1,3-DINITROBENZENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
2,4,6-TRINITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
2,4-DINITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
2,6-DINITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
2-NITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
3-NITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
4-NITROTOLUENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
HMX	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
NITROBENZENE	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
RDX	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
TETRYL	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 17A: Soil Analytical Results

Point ID	S23-01	S23-01	S23-01	S23-02	S23-02	S23-02
Sample ID	S23SS005	S23SS006	S23SS007	S23SS001	S23SS002	S23SS003
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/07/95	04/07/95	04/07/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
CLP Metals (in mg/Kg)						
ALUMINUM	13,300	10,100	5,950	8,380	6,770	5,250
ANTIMONY	0.45 UJ	0.44 UJ	0.42 UJ	0.43 UJ	0.44 UJ	0.43 UJ
ARSENIC	8.6 *!	6.4 J *!	2.4 *!	2.7 *!	2.7 *!	2.4 *!
BARIUM	58.3	78.0	41.3	39.1	103	72.8
BERYLLIUM	0.51 *	0.49 J *	0.14 U	0.18 U	0.10 U	0.16 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	1,470	1,710	1,210	1,550	2,570	1,750
CHROMIUM	24.7	20.8	12.6	11.5	18.2	10.3
COBALT	6.5	31.5	6.8	7.8	9.1	6.8
COPPER	53.6 !	34.0	12.0	11.8	11.9	11.7
IRON	23,700	27,500	12,800	13,500	13,000	12,600
LEAD	13.4	9.7 J	3.8	3.6	3.3	3.5
MAGNESIUM	10,800	8,010	4,560	3,970	4,740	4,450
MANGANESE	124 J	760 J	135 J	153 J	150 J	147 J
MERCURY	0.10	0.070	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.31 U	0.50 U	0.18 U	0.18 U	0.19 U	0.18 U
NICKEL	17.2	23.1 J !	9.4	10.5	12.7	8.5
POTASSIUM	3,170 J	3,240 J	1,820 J	1,950 J	1,910 J	1,710 J
SELENIUM	0.83 U	0.81 UJ	0.78 U	0.78 U	0.82 U	0.79 U
SILVER	0.12 U	0.12 U	0.11 U	0.11 U	0.12 U	0.11 U
SODIUM	573	179 J	69.6	28.8 U	148	149
THALLIUM	0.47 U	1.7 U	0.41 U	0.34 U	0.37 U	0.36 U
VANADIUM	44.7	41.0	19.9	18.0	27.3	20.3
ZINC	76.7 J	66.6 J	34.3 J	39.9 J	46.5 J	39.0 J
Percent Moisture (percent)						
PERCENT MOISTURE	17.5	10.8	11.3	11.8	11.7	12.4
Miscellaneous						
OIL & GREASE	36	140	41	100	39	94

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 18A: Soil Analytical Results

Point ID	S24-01	S24-01	S24-01	S24-02	S24-02	S24-02	S24-03	S24-03
Sample ID	S24SS004	S24SS005	S24SS006	S24SS001	S24SS002	S24SS003	S24SS008	S24SS009
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	04/04/95	04/04/95
Sample Depth (in feet)	5.50 - 6.50	11.00 - 11.50	16.00 - 16.50	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50
Volatiles (in mg/kg)								
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METEYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U	0.05 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.002 J	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)								
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 18A: Soil Analytical Results

Point ID	S24-01	S24-01	S24-01	S24-02	S24-02	S24-02	S24-03	S24-03
Sample ID	S24SS004	S24SS005	S24SS006	S24SS001	S24SS002	S24SS003	S24SS008	S24SS009
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	04/04/95	04/04/95
Sample Depth (in feet)	5.50 - 6.50	11.00 - 11.50	16.00 - 16.50	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50
Semivolatiles (in mg/Kg)								
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
4-NITROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.9 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 18A: Soil Analytical Results

Point ID	S24-01	S24-01	S24-01	S24-02	S24-02	S24-02	S24-03	S24-03
Sample ID	S24SS004	S24SS005	S24SS006	S24SS001	S24SS002	S24SS003	S24SS008	S24SS009
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	04/04/95	04/04/95
Sample Depth (in feet)	5.50 - 6.50	11.00 - 11.50	16.00 - 16.50	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50
Semivolatiles (in mg/kg)								
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	0.9 U	0.9 U	1 U	1 U	1 U	0.9 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.6	0.4 J	0.2 J	0.3 J	0.1 J	0.2 J	0.3 J	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/kg)								
ALUMINUM	15,600	12,800	16,400	13,900	15,600	19,100	20,300	14,800
ANTIMONY	0.56 J	0.46 UJ	0.80 J	0.50 J	0.54 J	0.46 UJ	0.56 J	0.75 J
ARSENIC	5.8 *	6.7 *	2.7 *	1.8 *	3.0 *	7.4 *	7.1 *	3.1 *
BARIUM	272	155	105	116	106	229	285	144
BERYLLIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.22 *	0.020 U	0.020 U
CADMIUM	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	5,440	5,110	7,120	6,320	6,850	4,930	5,200	8,710
CHROMIUM	50.5	41.4	72.0	49.5	61.7	48.3	61.7 J	44.9 J
COBALT	20.6	18.9	24.2	17.8	19.0	15.5	22.0	16.4
COPPER	56.7 #	51.2 #	63.6 #	86.7 #	56.8 #	44.5 #	46.9 #	52.2 #
IRON	29,400	27,900	30,200	25,400	26,600	31,700	33,300	28,300
LEAD	7.9 J	8.1	4.4	3.7	4.9	11.5	9.8	4.6

Notes: U = Not detected with detection limit indicated, J = Estimated value

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 18A: Soil Analytical Results

Point ID	S24-01	S24-01	S24-01	S24-02	S24-02	S24-02	S24-03	S24-03
Sample ID	S24SS004	S24SS005	S24SS006	S24SS001	S24SS002	S24SS003	S24SS008	S24SS009
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	03/31/95	04/04/95	04/04/95
Sample Depth (in feet)	5.50 - 6.50	11.00 - 11.50	16.00 - 16.50	5.50 - 6.50	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50
CLP Metals (in mg/kg)								
MAGNESIUM	10,900	8,490	27,100	10,400	11,300	11,400	8,760	13,800
MANGANESE	834	634	747	697	673	585	903	736
MERCURY	0.060 U	0.060	0.050 U	0.10	0.11	0.060 U	0.060 U	0.080 U
MOLYBDENUM	0.19 UJ	0.19 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.22 U
NICKEL	79.4 #!	85.3 #!	158 *#!	100 #!	90.3 #!	83.3 #!	102 #!	73.1 #!
POTASSIUM	2,230 J	1,190 J	1,030 J	693 J	1,030 J	3,490 J	1,680 J	801 J
SELENIUM	0.82 UJ	0.84 UJ	0.76 UJ	0.77 UJ	0.80 UJ	0.84 UJ	0.83 U	0.73 U
SILVER	0.12 U	0.12 U	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.10 U
SODIUM	160 U	190 U	30.4 U	145 U	202 U	229 U	247	37.1
THALLIUM	1.4 U	0.81 U	1.6 U	1.2 U	0.85 U	0.43 U	1.2 U	2.2
VANADIUM	65.9	65.9	70.2	65.7	61.9	65.2	81.2	74.4
ZINC	83.4 J	66.1 J	70.7 J	58.3 J	63.1 J	93.9 J	61.2	50.9
Miscellaneous								
OIL & GREASE	55	60	47	28 U	61	64	32	26 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 19A: Soil Analytical Results

Point ID	S25-01	S25-02	S25-02	S25-02	S25-03
Sample ID	S25SS001	S25SS002	S25SS003	S25SS004	S25SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/03/95	04/03/95	04/03/95	04/03/95	04/03/95
Sample Depth (in feet)	5.00 - 6.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	10.50 - 11.50
Volatiles (in mg/kg)					
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.04 U	0.06 U	0.02 U	0.04 U	0.07 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)					
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 19A: Soil Analytical Results

Point ID	S25-01	S25-02	S25-02	S25-02	S25-03
Sample ID	S25SS001	S25SS002	S25SS003	S25SS004	S25SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/03/95	04/03/95	04/03/95	04/03/95	04/03/95
Sample Depth (in feet)	5.00 - 6.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	10.50 - 11.50
Semivolatiles (in mg/kg)					
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	0.9 U	0.9 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	0.9 U	0.9 U	1 U	1 U
4-NITROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 19A: Soil Analytical Results

Point ID	S25-01	S25-02	S25-02	S25-02	S25-03
Sample ID	S25SS001	S25SS002	S25SS003	S25SS004	S25SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/03/95	04/03/95	04/03/95	04/03/95	04/03/95
Sample Depth (in feet)	5.00 - 6.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	10.50 - 11.50
Semivolatiles (in mg/Kg)					
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	0.9 U	0.9 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.4 U	0.4	0.3 J	0.8	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/Kg)					
ALUMINUM	11,700	6,830	6,270	7,660	14,400
ANTIMONY	0.43 UJ	0.42 UJ	0.44 J	0.44 UJ	0.47 UJ
ARSENIC	3.2 *	1.9 *	1.4 J	2.3 *	5.0 *
BARIUM	142	68.5	89.0	99.3	58.9
BERYLLIUM	0.11 U	0.090 U	0.020 U	0.020 U	0.32 *
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	3,000	27,800	2,340	2,680	3,880
CHROMIUM	25.7 J	17.2 J	20.4 J	18.9 J	27.0 J
COBALT	7.8	7.9	3.3	5.0	11.9
COPPER	8.5	8.3	4.3	5.5	18.2
IRON	18,000	12,600	10,700	12,400	30,800
LEAD	4.7	3.0	3.0	3.3	5.6

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 19A: Soil Analytical Results

Point ID	S25-01	S25-02	S25-02	S25-02	S25-03
Sample ID	S25SS001	S25SS002	S25SS003	S25SS004	S25SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/03/95	04/03/95	04/03/95	04/03/95	04/03/95
Sample Depth (in feet)	5.00 - 6.00	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	10.50 - 11.50
CLP Metals (in mg/Kg)					
MAGNESIUM	4,930	7,390	3,230	4,100	6,940
MANGANESE	115	232	83.1	91.9	183
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.18 U	0.52 U	0.26 U	0.18 U	0.20 U
NICKEL	11.7 U	11.5 U	18.7	6.5 U	24.4 !
POTASSIUM	1,250 J	1,390 J	1,310 J	1,660 J	1,730 J
SELENIUM	0.80 U	0.78 U	0.77 U	0.82 U	0.87 U
SILVER	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U
SODIUM	168	88.9	393	448	32.6
THALLIUM	0.34 U	0.34 U	0.76 U	0.43 U	0.37 U
VANADIUM	36.6	25.4	26.1	25.3	46.6
ZINC	40.2 U	40.0 U	28.4 U	32.6 U	63.3
Miscellaneous					
OIL & GREASE	28 U	34	33	29 U	37

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 20A: Soil Analytical Results

Point ID	S37-01	S37-02	S37-02	S37-03	S37-03	S37-04	S37-04	S37-05	S37-05	S37-06	S37-06	S37-07
Sample ID	S37SS005	S37SS007	S37SS008	S37SS009	S37SS010	S37SS011	S37SS012	S37SS021	S37SS022	S37SS023	S37SS024	S37SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/17/95	04/17/95	04/17/95	04/17/95	04/13/95
Sample Depth (in feet)	0.00 - 1.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.00 - 1.00
Volatiles (in mg/kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.03 U	0.03 U	0.02 U	0.01 U	0.02 U	0.02 U	0.06 U	0.03 U	0.03 U	0.02 U	0.02 U	0.02 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)												
1,2,4-TRICHLOROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 20A: Soil Analytical Results

Point ID	S37-01	S37-02	S37-02	S37-03	S37-03	S37-04	S37-04	S37-05	S37-05	S37-06	S37-06	S37-07
Sample ID	S37SS005	S37SS007	S37SS008	S37SS009	S37SS010	S37SS011	S37SS012	S37SS021	S37SS022	S37SS023	S37SS024	S37SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/17/95	04/17/95	04/17/95	04/17/95	04/13/95
Sample Depth (in feet)	0.00 - 1.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.00 - 1.00
Semivolatiles (in mg/kg)												
1,4-DICHLOROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
2-NITROPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
4-NITROPHENOL	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
ACENAPHTHENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.5 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 20A: Soil Analytical Results

Point ID	S37-01	S37-02	S37-02	S37-03	S37-03	S37-04	S37-04	S37-05	S37-05	S37-06	S37-06	S37-07
Sample ID	S37SS005	S37SS007	S37SS008	S37SS009	S37SS010	S37SS011	S37SS012	S37SS021	S37SS022	S37SS023	S37SS024	S37SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/17/95	04/17/95	04/17/95	04/17/95	04/13/95
Sample Depth (in feet)	0.00 - 1.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.00 - 1.00
Semivolatiles (in mg/kg)												
CARBAZOLE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
CHRYSENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
HEXACHLOROETHANE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	0.9 UJ	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
PHENANTHRENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.3 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PYRENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Pesticides (in mg/kg)												
4,4'-DDD	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDT	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ALDRIN	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-CHLORDANE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
AROCLOR-1016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1221	0.08 U	0.08 U	0.09 U	0.07 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.07 U	0.08 U	0.09 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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07/28/96

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Table 20A: Soil Analytical Results

Point ID	S37-01	S37-02	S37-02	S37-03	S37-03	S37-04	S37-04	S37-05	S37-05	S37-06	S37-06	S37-07
Sample ID	S37SS005	S37SS007	S37SS008	S37SS009	S37SS010	S37SS011	S37SS012	S37SS021	S37SS022	S37SS023	S37SS024	S37SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/17/95	04/17/95	04/17/95	04/17/95	04/13/95
Sample Depth (in feet)	0.00 - 1.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.00 - 1.00
Pesticides (in mg/Kg)												
AROCLOR-1260	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
BETA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
DIELDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
GAMMA-CHLORDANE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Explosives (in mg/Kg)												
1,3,5-TRINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3-DINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4,6-TRINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
3-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
HMX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RDX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRYL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CLP Metals (in mg/Kg)												
ALUMINUM	16,400	5,230	13,000	19,400	6,480	11,000	10,700	12,800	8,800	3,350	5,260	6,500
ANTIMONY	0.48 J	0.44 UJ	0.68 J	0.64 J	0.46 UJ	0.47 UJ	0.44 UJ	0.72 J	0.48 UJ	0.42 UJ	0.46 UJ	0.50 UJ
ARSENIC	3.2 *	1.7 *	2.3 U	0.63 U	3.9 *	4.7 *	5.5 *!	13.2 *!	5.1 *	3.5 *	1.9 *	3.8 *
BARIUM	221	36.4	96.0	3.5	172	183	228	287	103	20.3	157	175
BERYLLIUM	0.020 U	0.040 U	0.030 U	0.020 U	0.020 U	0.16 U	0.020 U	0.020 U	0.060 U	0.090 U	0.020 U	0.36 *
CADMIUM	0.020 U	0.020 U	0.030 U	0.020 U	0.030 U	0.040 U	0.030 U	0.020 U	0.020 U	0.020 U	0.020 U	0.48
CALCIUM	7,570	2,070	5,810	11,300	3,450	2,710	4,430	5,070	4,360	824	3,370	5,220
CHROMIUM	31.2	10.5	15.4	19.8	17.9	20.8	39.6	37.3	18.5	7.0	12.3	12.5

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 20A: Soil Analytical Results

Point ID	S37-01	S37-02	S37-02	S37-03	S37-03	S37-04	S37-04	S37-05	S37-05	S37-06	S37-06	S37-07
Sample ID	S37SS005	S37SS007	S37SS008	S37SS009	S37SS010	S37SS011	S37SS012	S37SS021	S37SS022	S37SS023	S37SS024	S37SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/11/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/13/95	04/17/95	04/17/95	04/17/95	04/17/95	04/13/95
Sample Depth (in feet)	0.00 - 1.00	0.00 - 1.00	4.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00	0.00 - 1.00
CLP Metals (in mg/kg)												
COBALT	17.3	5.5	14.4	17.0	7.9	10.0	15.1	16.3	7.8	3.4	10.0	4.4
COPPER	32.9	9.2	32.3	20.0	14.8	26.7	39.7	32.7	13.5	4.6	10.8	11.4
IRON	26,600	10,300	20,400	28,400	13,400	19,300	27,300	25,500	15,100	7,190	12,000	8,480
LEAD	6.0	5.2	5.7	2.4	4.8	7.6	8.2	6.5	6.7	3.1	5.0	6.3
MAGNESIUM	10,900	3,110	8,890	15,400	4,300	7,220	7,690	8,690	5,000	1,890	3,430	3,210
MANGANESE	456	123	458	244	340	338	590	252	270	75.1	452	179
MERCURY	0.17 U	0.060 U	0.16 U	0.35 !	0.060 U	0.060 U	0.060 U	0.12 U	0.060 U	0.060 U	0.060 U	0.070 U
MOLYBDENUM	0.18 U	0.19 U	0.21 U	0.17 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.18 U	0.19 U	0.25 U
NICKEL	35.4 !	8.9	37.6 !	11.2	26.9 !	35.8 !	79.2 #!	45.2 #!	26.0 !	5.2 U	22.0 !	14.7
POTASSIUM	865 J	944 J	1,410 J	410 J	612 J	1,650 J	834 J	752 J	1,500 J	666 J	636 J	1,160 J
SELENIUM	0.78 U	0.81 U	0.91 U	0.74 U	0.85 U	0.87 U	0.82 U	0.84 U	0.88 U	0.78 U	0.84 U	0.92 U
SILVER	0.11 U	0.12 U	0.13 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.11 U	0.12 U	0.13 U
SODIUM	617	53.0 U	455	564	506	225	257	226	1,160	28.5 U	43.5 U	530
THALLIUM	0.38 U	0.35 U	0.39 U	0.63 U	0.36 U	0.37 U	0.38 U	1.1 U	1.2 U	0.33 U	1.4 U	0.39 U
VANADIUM	69.9	24.0	51.9	76.1	40.2	49.8	65.3	61.1	43.1	14.8	36.9	15.8
ZINC	41.7	29.8 U	38.3	19.3 U	36.7	55.7	62.0	67.2	39.3	23.2 U	28.4 U	30.0 U
Anions, Solids, Sulfides, and TOC (in mg/kg)												
TOTAL ORGANIC CARBON	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	620	100 U	100 U
Percent Moisture (percent)												
PERCENT MOISTURE	4.8	16.7	19.4	4.8	18.0	18.3	15.1	20.9	17.7	19.5	20.0	21.3
Miscellaneous												
PH	8.2	7.8	7.9	7.8	7.7	8	8.2	8.5	8.1	8	8.3	7.4

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 20A: Soil Analytical Results

Point ID	S37-07	S37-08	S37-08	S37-09	S37-09	S37-10	S37-10	S37-11	S37-11	S37-12	S37-12
Sample ID	S37SS014	S37SS001	S37SS002	S37SS003	S37SS004	S37SS025	S37SS026	S37SS028	S37SS029	S37SS016	S37SS017
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/13/95	04/11/95	04/11/95	04/11/95	04/11/95	04/17/95	04/17/95	04/18/95	04/18/95	04/14/95	04/14/95
Sample Depth (in feet)	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	4.50 - 5.50	0.50 - 1.00	3.00 - 4.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
Volatiles (in mg/kg)											
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.04 U	0.01 U	0.02 U	0.01 U	0.01 U	0.03 U	0.02 U	0.07 U	0.02 U	0.02 U	0.03 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)											
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

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Table 20A: Soil Analytical Results

Point ID	S37-07	S37-08	S37-08	S37-09	S37-09	S37-10	S37-10	S37-11	S37-11	S37-12	S37-12
Sample ID	S37SS014	S37SS001	S37SS002	S37SS003	S37SS004	S37SS025	S37SS026	S37SS028	S37SS029	S37SS016	S37SS017
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/13/95	04/11/95	04/11/95	04/11/95	04/11/95	04/17/95	04/17/95	04/18/95	04/18/95	04/14/95	04/14/95
Sample Depth (in feet)	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	4.50 - 5.50	0.50 - 1.00	3.00 - 4.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
Semivolatiles (in ug/Kg)											
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	1 U	1 UJ
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,4-DINITROPHENOL	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 UJ	1 U	1 U	1 UJ
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
2-NITROANILINE	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	1 U	1 UJ
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
3-NITROANILINE	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	1 U	1 UJ
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 UJ	0.9 U	1 U	1 UJ	1 UJ
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
4-NITROANILINE	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	1 U	1 UJ
4-NITROPHENOL	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	1 U	1 UJ
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Γ = Detected concentrations greater than the ambient metals concentrations in soils.

07/28/96

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Table 20A: Soil Analytical Results

Point ID	S37-07	S37-08	S37-08	S37-09	S37-09	S37-10	S37-10	S37-11	S37-11	S37-12	S37-12
Sample ID	S37SS014	S37SS001	S37SS002	S37SS003	S37SS004	S37SS025	S37SS026	S37SS028	S37SS029	S37SS016	S37SS017
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/13/95	04/11/95	04/11/95	04/11/95	04/11/95	04/17/95	04/17/95	04/18/95	04/18/95	04/14/95	04/14/95
Sample Depth (in feet)	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	4.50 - 5.50	0.50 - 1.00	3.00 - 4.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
Semivolatiles (in mg/Kg)											
CARBAZOLE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
HEXACHLOROCYCLOPENTADIENE	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
PENTACHLOROPHENOL	1 U	1 U	1 U	0.9 U	1 U	0.9 U	1 UJ	0.9 U	1 U	1 UJ	1 UJ
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
PHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 J	0.2 J	0.4 U	0.4 U	0.4 U	0.4 UJ
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ
Pesticides (in mg/Kg)											
4,4'-DDD	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.002 J	0.004 U	0.004 U	0.004 J
4,4'-DDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDT	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.003 J
ALDRIN	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-CHLORDANE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
AROCLOR-1016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1221	0.09 U	0.08 U	0.08 U	0.08 U	0.08 U	0.8 U	0.8 U	0.08 U	0.08 U	0.08 U	0.08 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

□ = Detected concentrations greater than the ambient metals concentrations in soils.

07/28/96

Naval Weapon Station Concord SWMU 37 Laboratory Sampling Report

Table 20A: Soil Analytical Results

Point ID	S37-07	S37-08	S37-08	S37-09	S37-09	S37-10	S37-10	S37-11	S37-11	S37-12	S37-12
Sample ID	S37SS014	S37SS001	S37SS002	S37SS003	S37SS004	S37SS025	S37SS026	S37SS028	S37SS029	S37SS016	S37SS017
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/13/95	04/11/95	04/11/95	04/11/95	04/11/95	04/17/95	04/17/95	04/18/95	04/18/95	04/14/95	04/14/95
Sample Depth (in feet)	5.00 - 5.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	4.50 - 5.50	0.50 - 1.00	3.00 - 4.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
Pesticides (in mg/Kg)											
AROCLOR-1260	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.04 U
BETA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
DIELDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 J	0.004 U	0.004 U	0.04 U	0.04 U	0.004 U	0.004 U	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
GAMMA-CHLORDANE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.02 U	0.02 U	0.002 U	0.002 U	0.002 U	0.002 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.2 U	0.2 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U
Explosives (in mg/Kg)											
1,3,5-TRINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3-DINITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4,6-TRINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-DINITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
3-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4-NITROTOLUENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
HMX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITROBENZENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
RDX	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
TETRYL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
CLP Metals (in mg/Kg)											
ALUMINUM	9,510	4,790	11,500	3,340	11,700	25,600	10,800	14,000	13,100	6,770	13,400
ANTIMONY	0.49 UJ	0.53 J	0.70 J	0.43 UJ	0.45 UJ	0.68 J	0.48 J	1.3 J	0.46 UJ	0.46 UJ	0.47 UJ
ARSENIC	3.5 *	8.2 *	4.3 *	3.4 *	4.5 *	3.6 *	2.7 J *	8.2 *	7.2 *	2.4 U	3.6 *
BARIUM	237	34.7	183	22.9	215	11.7	438	127	106	109	165
BERYLLIUM	0.17 U	0.060 U	0.25 *	0.040 U	0.15 U	0.020 U	0.020 U	0.020 U	0.050 U	0.17 U	0.070 U
CADMIUM	0.030 U	0.020 U	0.020 U	0.020 U	0.020 U	1.2	0.020 U	0.050 U	0.020 U	0.040 U	0.11 U
CALCIUM	4,030	1,830	3,520	1,200	3,090	10,200	4,940	6,670	10,900	2,900	4,080
CHROMIUM	15.0	10.4	20.3	6.4	23.9	23.3	29.0	62.9 J	25.2 J	13.1	25.9

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07/28/96

Table 20A: Soil Analytical Results

Point ID	S37-07	S37-08	S37-08	S37-09	S37-09	S37-10	S37-10	S37-11	S37-11	S37-12	S37-12
Sample ID	S37SS014	S37SS001	S37SS002	S37SS003	S37SS004	S37SS025	S37SS026	S37SS028	S37SS029	S37SS016	S37SS017
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/13/95	04/11/95	04/11/95	04/11/95	04/11/95	04/17/95	04/17/95	04/18/95	04/18/95	04/14/95	04/14/95
Sample Depth (in feet)	5.00 - 6.00	0.00 - 1.00	5.00 - 6.00	0.00 - 1.00	4.50 - 5.50	0.50 - 1.00	3.00 - 4.00	0.50 - 1.50	5.00 - 6.00	0.50 - 1.50	5.00 - 6.00
CLP Metals (in mg/kg)											
COBALT	6.5	4.7	13.2	4.8	14.5	29.2	14.4	18.1	9.2	8.7	15.3
COPPER	14.8	9.9 J	27.1 J	6.1 J	29.3 J	86.0 !	33.3	160.0 !	22.3	17.9	37.3 !
IRON	13,900	11,700	20,200	7,580	21,000	36,000	22,900	25,200	20,000	12,000	20,800
LEAD	7.0	5.2	7.9	3.3	8.4	5.6	5.8 J	25.0 J	8.1 J	4.9	12.2
MAGNESIUM	5,580	3,080	7,610	2,280	7,650	13,000	8,900	9,550	7,380	5,380	7,410
MANGANESE	159	98.3	538	123	608	462	759	293	247	291	569
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.51 !	0.12 U	0.22 !	0.060	0.060 U	0.13 U
MOLYBDENUM	0.21 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 UJ	0.18 J	0.20 U	0.19 U	0.20 U
NICKEL	20.7	7.0	47.5 !	6.3	51.0 !	18.6	46.5 !	55.0 !	38.7 !	26.0 !	50.0 !
POTASSIUM	1,990 J	1,100 J	2,400 J	768 J	2,110 J	706 J	659 J	1,180 J	1,930 J	1,100 J	1,680 J
SELENIUM	0.90 U	0.80 U	0.85 U	0.79 U	0.85 U	0.79 U	0.84 UJ	0.79 U	0.85 U	0.84 U	0.87 U
SILVER	0.13 U	0.11 U	0.12 U	0.11 U	0.12 U	1.3 !	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U
SODIUM	1,820	220	278	515	346	1,460	673	251	667	821	1,050
THALLIUM	0.39 U	0.34 U	0.36 U	0.34 U	0.36 U	0.34 U	0.37 U	1.0 U	0.48 U	0.36 U	0.93 U
VANADIUM	35.1	25.1	48.0	15.3	49.1	86.4	60.3	71.7	53.5	28.9	53.4
ZINC	40.1	37.6 U	64.1	24.6 U	68.1	46.0	56.6 J	88.7	50.2	37.8	58.5
Anions, Solids, Sulfides, and TOC (in mg/kg)											
TOTAL ORGANIC CARBON	100 U	34,500	8,550	100 U	100 U	100 U	1,350	100 U	3,180	100 U	100 U
Percent Moisture (percent)											
PERCENT MOISTURE	23.0	0.60	0.80	0.60	0.80	8.0	14.9	11.4	21.5	16.1	18.6
Miscellaneous											
PH	7.4	7.6	7.8	7.5	8.1	7.7	8	8.2	7.9	7.4	7.4

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07/28/96

Table 20B: Groundwater Analytical Results

Point ID	S37-11	S37-12	S37-12	S37-13
Sample ID	S37GW030	S37GW018	S37GW018A	S37GW032
Matrix	WATER	WATER	WATER	WATER
Sample Date	04/18/95	04/14/95	04/17/95	10/13/95
Volatiles (in µg/L)				
1,1,1-TRICHLOROETHANE	10 UJ	10 U	--	--
1,1,2,2-TETRACHLOROETHANE	10 UJ	10 U	--	--
1,1,2-TRICHLOROETHANE	10 UJ	10 U	--	--
1,1-DICHLOROETHANE	10 UJ	10 U	--	--
1,1-DICHLOROETHENE	10 UJ	10 U	--	--
1,2-DICHLOROETHANE	10 UJ	10 U	--	--
1,2-DICHLOROETHENE (TOTAL)	10 UJ	10 U	--	--
1,2-DICHLOROPROPANE	10 UJ	10 U	--	--
2-BUTANONE	10 UJ	10 U	--	--
2-HEXANONE	10 UJ	10 U	--	--
4-METHYL-2-PENTANONE	10 UJ	10 U	--	--
ACETONE	10 J	22 U	--	--
BENZENE	10 UJ	10 U	--	--
BROMODICHLOROMETHANE	10 UJ	10 U	--	--
BROMOFORM	10 UJ	10 U	--	--
BROMOMETHANE	10 UJ	10 U	--	--
CARBON DISULFIDE	10 UJ	10 U	--	--
CARBON TETRACHLORIDE	10 UJ	10 U	--	--
CHLOROBENZENE	10 UJ	10 U	--	--
CHLOROETHANE	10 UJ	10 U	--	--
CHLOROFORM	10 UJ	10 U	--	--
CHLOROMETHANE	10 UJ	10 U	--	--
CIS-1,3-DICHLOROPROPENE	10 UJ	10 U	--	--
DIBROMOCHLOROMETHANE	10 UJ	10 U	--	--
ETHYLBENZENE	10 UJ	10 U	--	--
METHYLENE CHLORIDE	10 UJ	10 U	--	--
STYRENE	10 UJ	10 U	--	--
TETRACHLOROETHENE	10 UJ	10 U	--	--
TOLUENE	10 UJ	10 U	--	--
TRANS-1,3-DICHLOROPROPENE	10 UJ	10 U	--	--
TRICHLOROETHENE	10 UJ	10 U	--	--
VINYL CHLORIDE	10 UJ	10 U	--	--
XYLENE (TOTAL)	10 UJ	10 U	--	--
Semivolatiles (in µg/L)				
1,2,4-TRICHLOROBENZENE	10 U	10 U	--	--
1,2-DICHLOROBENZENE	5 U	5 U	--	--
1,3-DICHLOROBENZENE	5 U	5 U	--	--
1,4-DICHLOROBENZENE	5 U	5 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

07/28/96

Table 20B: Groundwater Analytical Results

Point ID	S37-11	S37-12	S37-12	S37-13
Sample ID	S37GW030	S37GW018	S37GW018A	S37GW032
Matrix	WATER	WATER	WATER	WATER
Sample Date	04/18/95	04/14/95	04/17/95	10/13/95
Semivolatiles (in µg/L)				
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	--	--
2,4,5-TRICHLOROPHENOL	25 U	25 U	--	--
2,4,6-TRICHLOROPHENOL	10 U	10 U	--	--
2,4-DICHLOROPHENOL	10 U	10 U	--	--
2,4-DIMETHYLPHENOL	10 U	10 U	--	--
2,4-DINITROPHENOL	25 U	25 U	--	--
2,4-DINITROTOLUENE	10 U	10 U	--	--
2,6-DINITROTOLUENE	10 U	10 U	--	--
2-CHLORONAPETHALENE	10 U	10 U	--	--
2-CHLOROPHENOL	10 U	10 U	--	--
2-METHYLNAPETHALENE	10 U	10 U	--	--
2-METHYLPHENOL	10 U	10 U	--	--
2-NITROANILINE	25 U	25 U	--	--
2-NITROPHENOL	10 U	10 U	--	--
3,3'-DICHLOROBENZIDINE	10 UJ	10 U	--	--
3-NITROANILINE	25 U	25 U	--	--
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	--	--
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	--	--
4-CHLORO-3-METHYLPHENOL	10 U	10 U	--	--
4-CHLOROANILINE	10 U	10 U	--	--
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	--	--
4-METHYLPHENOL	10 U	10 U	--	--
4-NITROANILINE	25 U	25 U	--	--
4-NITROPHENOL	25 U	25 U	--	--
ACENAPHTHENE	10 U	10 U	--	--
ACENAPHTHYLENE	10 U	10 U	--	--
ANTHRACENE	10 U	10 U	--	--
BENZO(A)ANTHRACENE	10 UJ	10 U	--	--
BENZO(A)PYRENE	10 U	10 U	--	--
BENZO(B)FLUORANTHENE	10 U	10 U	--	--
BENZO(G,H,I)PERYLENE	10 U	10 U	--	--
BENZO(K)FLUORANTHENE	10 U	10 U	--	--
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	--	--
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	--	--
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ	4 U	--	--
BUTYLBENZYLPHTHALATE	10 UJ	10 U	--	--
CARBAZOLE	10 U	10 U	--	--
CHRYSENE	10 UJ	10 U	--	--
DI-N-BUTYLPHTHALATE	10 U	10 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 20B: Groundwater Analytical Results

Point ID	S37-11	S37-12	S37-12	S37-13
Sample ID	S37GW030	S37GW018	S37GW018A	S37GW032
Matrix	WATER	WATER	WATER	WATER
Sample Date	04/18/95	04/14/95	04/17/95	10/13/95
Semivolatiles (in µg/l)				
DI-N-OCTYLPHTHALATE	10 U	10 U	--	--
DIBENZ(A,H)ANTHRACENE	10 U	10 U	--	--
DIBENZOFURAN	10 U	10 U	--	--
DIETHYLPHTHALATE	10 U	10 U	--	--
DIMETHYLPHTHALATE	10 U	10 U	--	--
FLUORANTHENE	10 U	10 U	--	--
FLUORENE	10 U	10 U	--	--
HEXACHLOROBENZENE	10 U	10 U	--	--
HEXACHLOROBUTADIENE	10 U	10 U	--	--
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	--	--
HEXACHLOROETHANE	10 U	10 U	--	--
INDENO(1,2,3-CD)PYRENE	10 U	10 U	--	--
ISOPHORONE	10 U	10 U	--	--
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	--	--
N-NITROSODIPHENYLAMINE (1)	10 U	10 U	--	--
NAPHTHALENE	10 U	10 U	--	--
NITROBENZENE	10 U	10 U	--	--
PENTACHLOROPHENOL	25 U	25 U	--	--
PHENANTHRENE	10 U	10 U	--	--
PHENOL	10 U	10 U	--	--
PYRENE	10 UJ	10 U	--	--
Pesticides (in µg/l)				
4,4'-DDD	0.1 UJ	0.1 U	--	--
4,4'-DDE	0.1 UJ	0.1 U	--	--
4,4'-DDT	0.1 UJ	0.1 U	--	--
ALDRIN	0.05 UJ	0.05 U	--	--
ALPHA-BHC	0.05 UJ	0.05 U	--	--
ALPHA-CHLORDANE	0.05 UJ	0.05 U	--	--
AROCLOR-1016	0.5 UJ	0.5 U	--	--
AROCLOR-1221	0.5 U	0.5 U	--	--
AROCLOR-1232	0.5 UJ	0.5 U	--	--
AROCLOR-1242	0.5 UJ	0.5 U	--	--
AROCLOR-1248	0.5 U	0.5 U	--	--
AROCLOR-1254	0.5 U	0.5 U	--	--
AROCLOR-1260	0.5 UJ	0.5 U	--	--
BETA-BHC	0.05 UJ	0.05 U	--	--
DELTA-BHC	0.05 UJ	0.05 U	--	--
DIELDRIN	0.1 UJ	0.1 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 20B: Groundwater Analytical Results

Point ID	S37-11	S37-12	S37-12	S37-13
Sample ID	S37GW030	S37GW018	S37GW018A	S37GW032
Matrix	WATER	WATER	WATER	WATER
Sample Date	04/18/95	04/14/95	04/17/95	10/13/95
Pesticides (in µg/L)				
ENDOSULFAN I	0.05 UJ	0.05 U	--	--
ENDOSULFAN II	0.1 UJ	0.1 U	--	--
ENDOSULFAN SULFATE	0.1 UJ	0.1 U	--	--
ENDRIN	0.1 UJ	0.1 U	--	--
ENDRIN ALDEHYDE	0.1 UJ	0.1 U	--	--
ENDRIN KETONE	0.1 UJ	0.1 U	--	--
GAMMA-BHC (LINDANE)	0.05 UJ	0.05 U	--	--
GAMMA-CHLORDANE	0.05 UJ	0.05 U	--	--
HEPTACHLOR	0.05 UJ	0.05 U	--	--
HEPTACHLOR EPOXIDE	0.01 UJ	0.01 U	--	--
METHOXYCHLOR	0.5 UJ	0.5 U	--	--
TOXAPHENE	3 UJ	3 U	--	--
Explosives (in µg/L)				
1,3,5-TRINITROBENZENE	0.1 U	--	0.1 U	--
1,3-DINITROBENZENE	0.1 U	--	0.1 U	--
2,4,6-TRINITROTOLUENE	0.1 U	--	0.1 U	--
2,4-DINITROTOLUENE	0.1 U	--	0.1 U	--
2,6-DINITROTOLUENE	0.1 U	--	0.1 U	--
2-NITROTOLUENE	0.1 U	--	0.1 U	--
3-NITROTOLUENE	0.1 U	--	0.1 U	--
4-NITROTOLUENE	0.1 U	--	0.1 U	--
HMX	0.1 U	--	0.1 U	--
NITROBENZENE	0.1 U	--	0.1 U	--
RDX	0.1 U	--	0.1 U	--
TETRYL	0.1 UJ	--	0.1 U	--
CLP Metals (in µg/L)				
ALUMINUM	733,000 J	--	177,000 J	--
ANTIMONY	9.5 U	--	9.5 U	--
ARSENIC	404 J α	--	41.7 J α	4.1 J
BARIUM	20,200 J	--	3,450 J	--
BERYLLIUM	3.6 J	--	0.58 U	--
CADMIUM	55.7 J α	--	6.8 J	--
CALCIUM	1,330,000 J	--	1,640,000 J	--
CHROMIUM	2,180 J β	--	250 J β	--
COBALT	868 J	--	183 J	--
COPPER	2,800 J α	--	295 J α	--
IRON	1,080,000 J	--	215,000 J	--
LEAD	632 J α	--	80.3 J α	--
MAGNESIUM	1,070,000 J	--	1,940,000 J	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 20B: Groundwater Analytical Results

Point ID	S37-11	S37-12	S37-12	S37-13
Sample ID	S37GW030	S37GW018	S37GW018A	S37GW032
Matrix	WATER	WATER	WATER	WATER
Sample Date	04/18/95	04/14/95	04/17/95	10/13/95
CLP Metals (in µg/L)				
MANGANESE	62,600 J	--	53,000 J	--
MERCURY	6.0 J αß	--	0.94 J αß	--
MOLYBDENUM	4.0 UJ	--	48.6 J	--
NICKEL	5,920 J αß	--	3,940 J αß	--
POTASSIUM	155,000 J	--	72,000 J	--
SELENIUM	17.5 U	--	17.5 U	--
SILVER	2.5 U	--	2.5 U	--
SODIUM	2,270,000 J	--	4,990,000 J	--
THALLIUM	7.5 UJ	--	57.8 J	--
VANADIUM	2,260 J	--	524 J	--
ZINC	3,220 J αß	--	427 J αß	--
Anions, Solids, Sulfides, and TOC (in mg/L)				
TOTAL ORGANIC CARBON	9.3 J	--	14.7 J	--
Miscellaneous				
PH	6.6 J	--	6.7 J	6.5 J
SALINITY	--	--	--	7.2 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 21A: Soil Analytical Results

Point ID	S40-01	S40-01	S40-02	S40-03	S40-03
Sample ID	S40SS001	S40SS002	S40SS003	S40SS004	S40SS005
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/24/95	03/24/95	03/24/95	03/24/95	03/24/95
Sample Depth (in feet)	0.00 - 0.50	5.00 - 6.00	0.00 - 0.50	0.00 - 0.50	1.50 - 2.00
Aromatic Volatiles (in mg/Kg)					
BENZENE	0.0005 U	0.0005 U	0.0006 U	0.0005 U	0.0005 U
ETHYLBENZENE	0.0005 U	0.0005 U	0.0006 U	0.0005 U	0.0005 U
TOLUENE	0.0005 U	0.0005 U	0.0006 U	0.0005 U	0.0005 U
XYLENE (TOTAL)	0.0005 U	0.0005 U	0.0006 U	0.0005 U	0.0005 U
Pesticides (in mg/Kg)					
4,4'-DDD	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDT	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ALDRIN	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ALPHA-CHLORDANE	0.002 U	0.002 U	0.006	0.008	0.002 U
AROCLOR-1016	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1221	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
AROCLOR-1232	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1242	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
AROCLOR-1248	0.04 U	0.04 U	0.04 U	0.4 *	0.04 U
AROCLOR-1254	0.04 U	0.04 U	0.04 U	0.7 *	0.04 U
AROCLOR-1260	0.04 U	0.04 U	0.04 U	0.04 *	0.04 U
BETA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
DELTA-BHC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
DIELDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN I	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ENDOSULFAN II	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN ALDEHYDE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
ENDRIN KETONE	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
GAMMA-BHC (LINDANE)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
GAMMA-CHLORDANE	0.002 U	0.002 U	0.005	0.005	0.002 U
HEPTACHLOR	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
HEPTACHLOR EPOXIDE	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Petroleum Indicators (in mg/Kg)					
DIESEL	11 U	7 J	11 U	8 J	11 U
MOTOR OIL	10 J	20	11 U	26	7 J

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

Table 22A: Soil Analytical Results

Point ID	S44-01	S44-01	S44-01	S44-02	S44-02	S44-02
Sample ID	S44SS001	S44SS002	S44SS003	S44SS004	S44SS005	S44SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00	5.50 - 6.00	10.50 - 11.00	15.00 - 15.50
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.07 U	0.01 U	0.01 U	0.02 U	0.03 U	0.04 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 22A: Soil Analytical Results

Point ID	S44-01	S44-01	S44-01	S44-02	S44-02	S44-02
Sample ID	S44SS001	S44SS002	S44SS003	S44SS004	S44SS005	S44SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00	5.50 - 6.00	10.50 - 11.00	15.00 - 15.50
Semivolatiles (in ug/Kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 22A: Soil Analytical Results

Point ID	S44-01	S44-01	S44-01	S44-02	S44-02	S44-02
Sample ID	S44SS001	S44SS002	S44SS003	S44SS004	S44SS005	S44SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00	5.50 - 6.00	10.50 - 11.00	15.00 - 15.50
Semivolatiles (in mg/kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.4 J	0.4 U	0.4 U	0.4 U	0.4 U	1
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Petroleum Indicators (in mg/kg)						
DIESEL	12 U	12 U	12 U	12 U	8 J	8 J
MOTOR OIL	12 U	12 U	10 J	12 U	15	12 U
CLP Metals (in mg/kg)						
ALUMINUM	10,800	12,000	13,600	10,800	14,600	14,200
ANTIMONY	0.50 J	0.44 UJ	0.47 UJ	0.46 UJ	0.45 UJ	0.57 J
ARSENIC	2.7 *	5.6 *	4.8 *	2.8 *	4.6 *	5.1 *
BARIUM	129	202	232	77.3	270	230
BERYLLIUM	0.18 U	0.13 U	0.12 U	0.28 *	0.25 *	0.11 U
CADMIUM	0.020 U	0.090 U	0.020 U	0.030 U	0.090 U	0.030 U
CALCIUM	4,350	5,770	9,530	3,280	4,170	14,500
CHROMIUM	21.0	24.9	26.4	22.0	27.6	26.5
COBALT	8.3	12.1	13.0	10.2	14.9	12.7

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 22A: Soil Analytical Results

Point ID	S44-01	S44-01	S44-01	S44-02	S44-02	S44-02
Sample ID	S44SS001	S44SS002	S44SS003	S44SS004	S44SS005	S44SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95	04/12/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00	5.50 - 6.00	10.50 - 11.00	15.00 - 15.50
CLP Metals (in mg/Kg)						
COPPER	13.2	21.4	21.9	12.8	20.6	22.2
IRON	13,900	17,300	19,400	12,700	17,200	19,300
LEAD	7.3	7.8	7.8	6.2	8.3	7.7 J
MAGNESIUM	3,930	5,390	5,940	3,900	5,700	6,450
MANGANESE	373	606	594	418	1,220	578
MERCURY	0.060 U	0.090 U	0.060 U	0.060 U	0.060 U	0.060 U
MOLYBDENUM	0.20 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 UJ
NICKEL	24.0 !	51.7 #!	37.4 !	40.5 !	57.4 #!	37.8 !
POTASSIUM	968 J	2,340 J	2,230 J	632 J	1,920 J	2,120 J
SELENIUM	0.86 U	0.82 U	0.87 U	0.85 U	0.83 U	0.87 UJ
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	384	420	797	349	776	757 J
THALLIUM	0.82 U	0.35 U	0.37 U	0.54 U	1.4 U	0.39 U
VANADIUM	35.0	45.3	49.1	32.2	44.4	52.2
ZINC	32.5	42.3	50.6	26.9	43.1	50.5 J
Miscellaneous						
OIL & GREASE	81	62	58	30 U	30 U	33

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 23A: Soil Analytical Results

Point ID	S50-01	S50-01	S50-02	S50-02	S50-03	S50-03	S50-04	S50-04	S50-05	S50-05	S50-06	S50-06
Sample ID	S50SS006	S50SS007	S50SS008	S50SS009	S50SS003	S50SS004	S50SS001	S50SS002	S50SS010	S50SS011	S50SS012	S50SS013
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/07/95	03/07/95	03/07/95	03/07/95	03/07/95	03/07/95	03/06/95	03/06/95	10/13/95	10/13/95	10/13/95	10/13/95
Sample Depth (in feet)	3.00 - 4.50	5.00 - 6.50	3.00 - 4.50	5.00 - 6.50	6.00 - 6.50	10.00 - 11.50	6.00 - 6.50	11.00 - 11.50	1.00 - 1.50	3.50 - 4.00	1.00 - 1.50	3.50 - 4.00
Aromatic Volatiles (in mg/Kg)												
BENZENE	--	0.002	0.0006 U	0.03 J	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0005 U	0.0006 U
ETHYLBENZENE	--	0.0006 U	0.0006 U	0.3	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.002	0.0006 U
TOLUENE	--	0.0006 U	0.0006 U	0.09	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.003	0.001
XYLENE (TOTAL)	--	0.0006 U	0.0006 U	0.8	0.0006 U	0.0006 U	0.0006 U	0.0006 U	0.003	0.004	0.03	0.003
Petroleum Indicators (in mg/Kg)												
DIESEL	13 U	13 U	12 U	5,700	12 U	12 U	12 U	12 U	12 U	420	220	160
MOTOR OIL	74	9 J	7 J	600 U	9 J	10 J	12 U	12 U	12 U	1,800	950	160
Miscellaneous												
OIL & GREASE	300	150	32	3,500	79	58	39	46	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 23A: Soil Analytical Results

Point ID	S50-07	S50-07	S50-08	S50-08
Sample ID	S50SS014	S50SS015	S50SS016	S50SS017
Matrix	SOIL	SOIL	SOIL	SOIL
Sample Date	10/13/95	10/13/95	10/16/95	10/16/95
Sample Depth (in feet)	1.00 - 1.50	4.00 - 4.50	1.00 - 1.50	4.00 - 4.50
Aromatic Volatiles (in mg/Kg)				
BENZENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U
ETHYLBENZENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U
TOLUENE	0.0006 U	0.0006 U	0.0006 U	0.0006 U
XYLENE (TOTAL)	0.0006 U	0.0006 U	0.0006 U	0.0006 U
Petroleum Indicators (in mg/Kg)				
DIESEL	12 U	12 U	29 U	12 U
MOTOR OIL	12	20	130	12 U
Miscellaneous				
OIL & GREASE	--	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 23B: Groundwater Analytical Results

Point ID	S50-03	S50-04	S50-MW-1
Sample ID	S50GW010	S50GW011	S50GW013
Matrix	WATER	WATER	WATER
Sample Date	04/18/95	04/18/95	04/19/95
Aromatic Volatiles (in µg/L)			
BENZENE	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.5 U	0.5 U	0.5 U
TOLUENE	0.5 U	0.5 U	0.5 U
XYLENE (TOTAL)	0.5 U	0.5 U	0.5 U
Petroleum Indicators (in µg/L)			
DIESEL	130 J	100 U	100 U
MOTOR OIL	550 J	100 U	100 U
Miscellaneous			
OIL & GREASE	5 U	5 U	5 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

07/28/96

Table 24A: Soil Analytical Results

Point ID	S51-01	S51-01	S51-01	S51-02	S51-02	S51-02
Sample ID	S51SS001	S51SS002	S51SS003	S51SS004	S51SS005	S51SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.03 U	0.03 U	0.02 U	0.05 U	0.04 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 24A: Soil Analytical Results

Point ID	S51-01	S51-01	S51-01	S51-02	S51-02	S51-02
Sample ID	S51SS001	S51SS002	S51SS003	S51SS004	S51SS005	S51SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00
Semivolatiles (in mg/kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 24A: Soil Analytical Results

Point ID	S51-01	S51-01	S51-01	S51-02	S51-02	S51-02
Sample ID	S51SS001	S51SS002	S51SS003	S51SS004	S51SS005	S51SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00
Semivolatiles (in ug/kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.9	0.2 J	0.2 J	0.3 J	0.4 U	0.3 J
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/kg)						
ALUMINUM	19,600	12,900	10,800	21,000	16,600	7,700
ANTIMONY	0.50 UJ	0.60 J	0.48 UJ	0.50 UJ	0.48 UJ	0.46 UJ
ARSENIC	1.2 *	6.7 *	4.3 *	2.1 U *	5.2 *	2.3 *
BARIUM	144	74.4	129	161	116	89.[illegible]
BERYLLIUM	0.38 U	0.020 U	0.37 U	0.43 U #	0.030 U	0.23 U
CADMIUM	0.030 U	0.020 U	0.030 U	0.030 U	0.030 U	0.020 U
CALCIUM	7,880	4,920	3,700	14,000	17,800	2,720
CHROMIUM	46.3	49.8	26.4	46.4	52.0	20.3
COBALT	16.3	19.9	10.4	20.1	17.0	8.7
COPPER	81.5 !	48.7 !	22.9	51.5 !	52.4 !	17.3
IRON	26,900	25,100	18,400	28,000	32,200	14,600
LEAD	8.7	6.3	5.7	9.7 J	9.0	5.2

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 24A: Soil Analytical Results

Point ID	S51-01	S51-01	S51-01	S51-02	S51-02	S51-02
Sample ID	S51SS001	S51SS002	S51SS003	S51SS004	S51SS005	S51SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95	04/06/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.00	15.50 - 16.00
CLP Metals (in mg/Kg)						
MAGNESIUM	15,800	10,300	6,410	16,400	12,200	4,980
MANGANESE	422 J	234 J	112 J	824 J	253 J	84.7 J
MERCURY	0.070 U	0.060 U	0.060 U	0.070 U	0.060 U	0.060 U
MOLYBDENUM	0.21 U	0.19 U	0.20 U	0.21 U	0.20 U	0.19 U
NICKEL	66.4 #!	81.2 #!	40.3 !	76.8 #!	73.6 #!	34.6 !
POTASSIUM	823 J	940 J	2,110 J	725 J	1,350 J	1,080 J
SELENIUM	0.92 U	0.84 U	0.88 U	0.92 UJ	0.89 U	0.85 U
SILVER	0.13 U	0.12 U	0.13 U	0.13 U	0.13 U	0.12 U
SODIUM	429	31.4	184	652 J	111	118
THALLIUM	0.39 U	0.37 U	0.38 U	0.79 U	0.38 U	0.37 U
VANADIUM	42.3	73.3	35.2	40.8	63.7	26.5
ZINC	79.4 J	61.1 J	48.1 J	78.4 J	78.7 J	39.8 J
Miscellaneous						
OIL & GREASE	74	56	230	39	94	37

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 25A: Soil Analytical Results

Point ID	S52-01	S52-01	S52-01	S52-02	S52-02	S52-02	S52-03	S52-03	S52-04	S52-04
Sample ID	S52SS001	S52SS002	S52SS003	S52SS004	S52SS005	S52SS006	S52SS008	S52SS009	S52SS010	S52SS011
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	0.00 - 0.50	3.50 - 4.00	0.00 - 0.50	2.00 - 2.50
Volatiles (in mg/kg)										
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.02 U	0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METHYLENE CHLORIDE	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/kg)										
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 25A: Soil Analytical Results

Point ID	S52-01	S52-01	S52-01	S52-02	S52-02	S52-02	S52-03	S52-03	S52-04	S52-04
Sample ID	S52SS001	S52SS002	S52SS003	S52SS004	S52SS005	S52SS006	S52SS008	S52SS009	S52SS010	S52SS011
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	0.00 - 0.50	3.50 - 4.00	0.00 - 0.50	2.00 - 2.50
Semivolatiles (in mg/kg)										
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 25A: Soil Analytical Results

Point ID	S52-01	S52-01	S52-01	S52-02	S52-02	S52-02	S52-03	S52-03	S52-04	S52-04
Sample ID	S52SS001	S52SS002	S52SS003	S52SS004	S52SS005	S52SS006	S52SS008	S52SS009	S52SS010	S52SS011
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	0.00 - 0.50	3.50 - 4.00	0.00 - 0.50	2.00 - 2.50
Semivolatiles (in mg/Kg)										
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.9	0.4 U	0.4	1	0.3 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/Kg)										
ALUMINUM	21,200	15,000	16,500	16,400	15,800	18,400	15,400	17,300	16,500	16,600
ANTIMONY	0.59 J	0.45 UJ	0.68 J	0.46 UJ	0.45 J	0.43 UJ	1.2 J	0.49 J	0.47 UJ	0.72 J
ARSENIC	9.5 *!	6.4 *	6.9 *	5.3 *	4.3 *	7.0 *	65.4 *!	20.7 *!	36.0 *!	14.7 *!
BARIUM	223	162	183	183	120	157	164	187	202	102
BERYLLIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.030 U	0.020 U	0.030 U	0.020 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	1.3 !	0.020 UJ	0.020 U	0.020 U
CALCIUM	7,040	4,570	4,950	5,870	6,900	5,070	5,570	5,060	5,250	5,910
CHROMIUM	61.5	43.8	51.8	48.8	49.0	52.4	49.8	50.0	45.0	61.3
COBALT	22.8	19.5	21.8	19.0	17.5	21.0	19.3	19.6	19.4	17.0
COPPER	68.9 !	50.8 !	57.3 !	53.2 !	50.4 !	54.2 !	59.3 !	58.7 !	54.5 !	44.7 !
IRON	36,200	29,300	32,700	29,100	29,700	33,000	39,400	33,100	28,900	29,500
LEAD	12.8	8.1	9.2	8.3	7.5	8.9	165 *	9.0 J	13.5	7.9

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 25A: Soil Analytical Results

Point ID	S52-01	S52-01	S52-01	S52-02	S52-02	S52-02	S52-03	S52-03	S52-04	S52-04
Sample ID	S52SS001	S52SS002	S52SS003	S52SS004	S52SS005	S52SS006	S52SS008	S52SS009	S52SS010	S52SS011
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/29/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	5.00 - 6.00	10.00 - 11.00	15.00 - 16.00	0.00 - 0.50	3.50 - 4.00	0.00 - 0.50	2.00 - 2.50
CLP Metals (in mg/Kg)										
MAGNESIUM	10,800	10,500	12,600	9,080	11,500	12,700	9,470	11,500	9,670	14,100
MANGANESE	1,000 J	788 J	687 J	803 J	685 J	888 J	805	751	792	673
MERCURY	0.060 U	0.11	0.070	0.060 U	0.10	0.13	0.060	0.15	0.14	0.11
MOLYBDENUM	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.18 U	0.20 U	0.20 UJ	0.20 U	0.18 U
NICKEL	90.2 #!	77.1 #!	85.3 #!	78.2 #!	68.5 #!	81.7 #!	63.3 U	79.7 #!	74.7 #!	95.2 #!
POTASSIUM	4,270 J	1,120 J	1,480 J	2,110 J	1,150 J	1,350 J	2,660 J	1,180 J	1,960 J	1,110 J
SELENIUM	0.85 UJ	0.82 UJ	0.83 UJ	0.85 UJ	0.83 UJ	0.80 UJ	0.88 UJ	0.86 UJ	0.87 UJ	0.78 UJ
SILVER	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.11 U	0.13 U	0.12 U	0.12 U	0.11 U
SODIUM	226	147 U	141 U	413	249	177 U	93.4 U	114 U	74.0 U	28.5 U
THALLIUM	0.37 U	0.35 U	0.35 U	0.36 U	0.36 U	0.34 U	1.3 U	0.37 UJ	0.37 U	0.70 U
VANADIUM	81.2	60.3	72.1	61.8	64.7	74.4	70.2	68.8	57.9	65.8
ZINC	90.9	72.1	82.1	72.9	72.5	80.3	160 J!	85.0 J	79.2 J	70.2 J
Miscellaneous										
OIL & GREASE	30 U	29 U	30 U	30 U	30 U	130	280	31 U	83	30

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 25B: Surface Water Analytical Results

Point ID	S52-DD01
Sample ID	S52SW014
Matrix	SWATER
Sample Date	05/02/95
Sample Depth (in feet)	0.00 - 0.00
Volatiles (in µg/L)	
1,1,1-TRICHLOROETHANE	10 U
1,1,2,2-TETRACHLOROETHANE	10 U
1,1,2-TRICHLOROETHANE	10 U
1,1-DICHLOROETHANE	10 U
1,1-DICHLOROETHENE	10 U
1,2-DICHLOROETHANE	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U
1,2-DICHLOROPROPANE	10 U
2-BUTANONE	10 U
2-HEXANONE	10 U
4-METHYL-2-PENTANONE	10 U
ACETONE	10 U
BENZENE	10 U
BROMODICHLOROMETHANE	10 U
BROMOFORM	10 U
BROMOMETHANE	10 U
CARBON DISULFIDE	10 U
CARBON TETRACHLORIDE	10 U
CHLOROBENZENE	10 U
CHLOROETHANE	10 U
CHLOROFORM	10 U
CHLOROMETHANE	10 U
CIS-1,3-DICHLOROPROPENE	10 U
DIBROMOCHLOROMETHANE	10 U
ETHYLBENZENE	10 U
METHYLENE CHLORIDE	10 U
STYRENE	10 U
TETRACHLOROETHENE	10 U
TOLUENE	10 U
TRANS-1,3-DICHLOROPROPENE	10 U
TRICHLOROETHENE	10 U
VINYL CHLORIDE	10 U
XYLENE (TOTAL)	10 U
Semivolatiles (in µg/L)	
1,2,4-TRICHLOROBENZENE	10 U
1,2-DICHLOROBENZENE	5 U
1,3-DICHLOROBENZENE	5 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 25B: Surface Water Analytical Results

Point ID	S52-DD01
Sample ID	S52SW014
Matrix	SWATER
Sample Date	05/02/95
Sample Depth (in feet)	0.00 - 0.00
Semivolatiles (in ug/L)	
1,4-DICHLOROBENZENE	5 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U
2,4,5-TRICHLOROPHENOL	25 U
2,4,6-TRICHLOROPHENOL	10 U
2,4-DICHLOROPHENOL	10 U
2,4-DIMETHYLPHENOL	10 U
2,4-DINITROPHENOL	25 U
2,4-DINITROTOLUENE	10 U
2,6-DINITROTOLUENE	10 U
2-CHLORONAPHTHALENE	10 U
2-CHLOROPHENOL	10 U
2-METHYLNAPHTHALENE	10 U
2-METHYLPHENOL	10 U
2-NITROANILINE	25 U
2-NITROPHENOL	10 U
3,3'-DICHLOROBENZIDINE	10 UJ
3-NITROANILINE	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U
4-BROMOPHENYL-PHENYLETHER	10 U
4-CHLORO-3-METHYLPHENOL	10 U
4-CHLOROANILINE	10 U
4-CHLOROPHENYL-PHENYLETHER	10 U
4-METHYLPHENOL	10 U
4-NITROANILINE	25 U
4-NITROPHENOL	25 U
ACENAPHTHENE	10 U
ACENAPHTHYLENE	10 U
ANTHRACENE	10 U
BENZO(A)ANTHRACENE	10 UJ
BENZO(A)PYRENE	10 UJ
BENZO(B)FLUORANTHENE	10 UJ
BENZO(G,H,I)PERYLENE	10 UJ
BENZO(K)FLUORANTHENE	10 UJ
BIS(2-CHLOROETHOXY)METHANE	10 U
BIS(2-CHLOROETHYL)ETHER	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	4 UJ
BUTYLBENZYLPHTHALATE	10 UJ

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 25B: Surface Water Analytical Results

Point ID	S52-DD01
Sample ID	S52SW014
Matrix	SWATER
Sample Date	05/02/95
Sample Depth (in feet)	0.00 - 0.00
Semivolatiles (in µg/L)	
CARBAZOLE	10 U
CHRYSENE	10 UJ
DI-N-BUTYLPHTHALATE	10 U
DI-N-OCTYLPHTHALATE	10 UJ
DIBENZ(A,H)ANTHRACENE	10 UJ
DIBENZOFURAN	10 U
DIETHYLPHTHALATE	10 U
DIMETHYLPHTHALATE	10 U
FLUORANTHENE	10 U
FLUORENE	10 U
HEXACHLOROBENZENE	10 U
HEXACHLOROBUTADIENE	10 U
HEXACHLOROCYCLOPENTADIENE	10 U
HEXACHLOROETHANE	10 U
INDENO(1,2,3-CD)PYRENE	10 UJ
ISOPHORONE	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U
N-NITROSODIPHENYLAMINE (1)	10 U
NAPHTHALENE	10 U
NITROBENZENE	10 U
PENTACHLOROPHENOL	25 U
PHENANTHRENE	10 U
PHENOL	10 U
PYRENE	10 UJ
CLP Metals (in µg/L)	
ALUMINUM	2,880 J
ANTIMONY	3.1 J
ARSENIC	41.0 J α
BARIUM	75.9 J
BERYLLIUM	0.10 U
CADMIUM	0.61 J
CALCIUM	17,000 J
CHROMIUM	6.7 J
COBALT	2.6 U
COPPER	21.5 J α
IRON	3,910 J
LEAD	23.3 J α

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

ß = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

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Table 25B: Surface Water Analytical Results

Point ID	S52-DD01
Sample ID	S52SW014
Matrix	SWATER
Sample Date	05/02/95
Sample Depth (in feet)	0.00 - 0.00
CLP Metals (in µg/L)	
MAGNESIUM	8,380 J
MANGANESE	93.8 J
MERCURY	0.10 U
MOLYBDENUM	0.80 U
NICKEL	23.8 J αβ
POTASSIUM	8,270 J
SELENIUM	3.5 UJ
SILVER	0.50 U
SODIUM	6,310 J
THALLIUM	1.5 U
VANADIUM	14.4 J
ZINC	61.5 J
Miscellaneous	
OIL & GREASE	5 U

Notes: U = Not detected with detection limit indicated. J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

α = Detected concentrations greater than the U.S. EPA National ambient water quality criteria, saltwater aquatic life protection, continuous concentration (4-day average) July 1995 and May 1991.

β = Detected concentrations greater than the U.S. EPA National ambient water quality recommended criteria for marine chronic aquatic life protection. May 1991.

Table 26A: Soil Analytical Results

Point ID	S53-01	S53-01	S53-01	S53-02	S53-02	S53-02
Sample ID	S53SS001	S53SS002	S53SS003	S53SS004	S53SS005	S53SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Volatiles (in mg/kg)						
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ACETONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
METEYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Semivolatiles (in mg/Kg)						
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 26A: Soil Analytical Results

Point ID	S53-01	S53-01	S53-01	S53-02	S53-02	S53-02
Sample ID	S53SS001	S53SS002	S53SS003	S53SS004	S53SS005	S53SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Semivolatiles (in mg/kg)						
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.6 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 26A: Soil Analytical Results

Point ID	S53-01	S53-01	S53-01	S53-02	S53-02	S53-02
Sample ID	S53SS001	S53SS002	S53SS003	S53SS004	S53SS005	S53SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
Semivolatiles (in mg/kg)						
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.7	0.2 J	0.1 J	3	0.1 J	0.1 J
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/kg)						
ALUMINUM	17,500	23,500	16,200	18,300	17,700	14,100
ANTIMONY	0.63 J	0.43 J	0.46 UJ	0.45 UJ	0.65 J	0.49 J
ARSENIC	5.7 *	8.2 *	5.5 *	5.7 *	7.8 *	6.6 *
BARIUM	173	262	205	193	187	145
BERYLLIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
CALCIUM	5,920	7,050	5,090	6,970	17,500	4,270
CHROMIUM	51.6	56.9	48.5	51.5	49.3	45.9
COBALT	21.1	22.3	21.5	20.7	20.4	19.4
COPPER	57.4 !	62.6 !	58.7 !	54.3 !	56.2 !	53.4 !
IRON	30,700	37,800	31,200	31,600	33,100	30,100
LEAD	8.8	10.5	9.0	10.1	9.3	8.3

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

Table 26A: Soil Analytical Results

Point ID	S53-01	S53-01	S53-01	S53-02	S53-02	S53-02
Sample ID	S53SS001	S53SS002	S53SS003	S53SS004	S53SS005	S53SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95	03/30/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50
CLP Metals (in mg/Kg)						
MAGNESIUM	10,700	12,600	11,400	10,200	13,700	12,700
MANGANESE	813	976	879	730	731	824
MERCURY	0.090	0.070	0.070	0.060 U	0.10	0.080
MOLYBDENUM	0.20 U	0.18 U	0.19 U	0.19 U	0.19 U	0.20 U
NICKEL	89.5 #!	68.2 #!	87.3 #!	81.5 #!	92.5 #!	99.0 #!
POTASSIUM	1,530 J	2,510 J	1,960 J	2,670 J	1,330 J	1,120 J
SELENIUM	0.86 UJ	0.79 UJ	0.84 UJ	0.83 UJ	0.83 UJ	0.87 UJ
SILVER	0.12 U	0.11 U	0.12 U	0.12 U	0.12 U	0.12 U
SODIUM	220 U	207 U	244 U	179 U	177 U	168 U
THALLIUM	0.37 U	0.34 U	0.36 U	0.35 U	0.36 U	0.37 U
VANADIUM	69.7	88.5	68.2	73.3	73.2	67.7
ZINC	74.0 J	87.8 J	83.9 J	77.5 J	78.1 J	72.9 J
Miscellaneous						
OIL & GREASE	31 U	60	72	31	110	54

Notes: U = Not detected with detection limit indicated, J = Estimated value

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 27A: Soil Analytical Results

Point ID	S54-01	S54-01	S54-01	S54-02	S54-02	S54-02	S54-03	S54-03	S54-03	S54-04	S54-04	S54-04
Sample ID	S54SS011	S54SS012	S54SS013	S54SS008	S54SS009	S54SS010	S54SS001	S54SS002	S54SS003	S54SS004	S54SS005	S54SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50
Volatiles (in mg/Kg)												
1,1,1-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,1,2,2-TETRACHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,1,2-TRICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,1-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,1-DICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,2-DICHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,2-DICHLOROETHENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
1,2-DICHLOROPROPANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
2-BUTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	--
2-HEXANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	--
4-METHYL-2-PENTANONE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
ACETONE	0.03 U	0.03 U	0.02 U	0.2 U	0.1 U	0.05 U	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	--
BENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
BROMODICHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
BROMOFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
BROMOMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CARBON DISULFIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CARBON TETRACHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CHLOROBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CHLOROETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CHLOROFORM	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
CIS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
DIBROMOCHLOROMETHANE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
ETHYLBENZENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
METHYLENE CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
STYRENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
TETRACHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
TOLUENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
TRANS-1,3-DICHLOROPROPENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
TRICHLOROETHENE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
VINYL CHLORIDE	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
XYLENE (TOTAL)	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--
Semivolatiles (in mg/Kg)												
1,2,4-TRICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Naval Weapon Station Concord SWMU 54 Laboratory Sampling Report

Table 27A: Soil Analytical Results

Point ID	S54-01	S54-01	S54-01	S54-02	S54-02	S54-02	S54-03	S54-03	S54-03	S54-04	S54-04	S54-04
Sample ID	S54SS011	S54SS012	S54SS013	S54SS008	S54SS009	S54SS010	S54SS001	S54SS002	S54SS003	S54SS004	S54SS005	S54SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50
Semivolatiles (in mg/Kg)												
1,4-DICHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4,5-TRICHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,6-TRICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DICHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DIMETHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,4-DINITROPHENOL	1 U	1 U	0.9 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2,6-DINITROTOLUENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLORONAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-CHLOROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLNAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-DICHLOROBENZIDINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-BROMOPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLORO-3-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROANILINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-CHLOROPHENYL-PHENYLETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-METHYLPHENOL	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
4-NITROANILINE	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ACENAPHTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACENAPHTHYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(A)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(B)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(G,H,I)PERYLENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BENZO(K)FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHOXY)METHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-CHLOROETHYL)ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BIS(2-ETHYLHEXYL)PHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BUTYLBENZYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

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! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

07/28/96

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Table 27A: Soil Analytical Results

Point ID	S54-01	S54-01	S54-01	S54-02	S54-02	S54-02	S54-03	S54-03	S54-03	S54-04	S54-04	S54-04
Sample ID	S54SS011	S54SS012	S54SS013	S54SS008	S54SS009	S54SS010	S54SS001	S54SS002	S54SS003	S54SS004	S54SS005	S54SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50
Semivolatiles (in mg/kg)												
CARBAZOLE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHRYSENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-BUTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DI-N-OCTYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZ(A,H)ANTHRACENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIBENZOFURAN	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DIMETHYLPHTHALATE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORANTHENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
FLUORENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROBUTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROCYCLOPENTADIENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
HEXACHLOROETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
INDENO(1,2,3-CD)PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ISOPHORONE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSO-DI-N-PROPYLAMINE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
N-NITROSODIPHENYLAMINE (1)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NAPHTHALENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NITROBENZENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PENTACHLOROPHENOL	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PHENOL	0.2 J	0.4 U	0.2 J	0.9	0.3 J	0.4 U	0.2 J	0.3 J	0.3 J	2	0.4 U	0.9
PYRENE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CLP Metals (in mg/kg)												
ALUMINUM	9,430	11,300	6,390	11,000	11,200	9,560	12,900	11,000	8,840	16,900	11,800	16,400
ANTIMONY	0.44 UJ	0.46 J	0.42 UJ	0.47 J	0.61 J	0.46 UJ	0.53 U	0.67 U	0.73 U	0.70 U	0.82 U	0.78 U
ARSENIC	3.8 *	3.7 *	2.6 *	4.4 *	4.5 *	4.5 *	4.2 U *	4.1 *	2.9 *	4.6 *	3.3 *	5.5 *
BARIUM	135	111	94.4	134	117	109	149	250	84.4	134	123	172
BERYLLIUM	0.25 U	0.21 U	0.090 U	0.26 U	0.21 U	0.040 U	0.32 U	0.090 U	0.16 U	0.38 U	0.17 U	0.020 U
CADMIUM	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
CALCIUM	2,860	3,280	2,510	3,270	3,130	3,090	2,670	4,090	3,230	3,090	2,760	6,210
CHROMIUM	17.8	21.9	18.4	21.3 J	21.3 J	25.6 J	24.5	39.1	37.1	28.2	30.2	58.1
COBALT	9.3	10.9	12.8	10.4	11.4	16.4	8.8	16.3	10.8	10.5	13.3	18.3
COPPER	15.9	17.9	16.2	17.7	17.7	20.9	16.1	20.9	16.1	17.7	19.5	34.0
IRON	17,300	18,800	13,500	19,900	19,000	18,300	18,400	21,600	15,200	21,400	18,200	30,300
LEAD	5.7	6.8	5.6	6.5	6.7	6.4	6.2 J	6.7	5.6	7.0	6.3	7.3

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

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Table 27A: Soil Analytical Results

Point ID	S54-01	S54-01	S54-01	S54-02	S54-02	S54-02	S54-03	S54-03	S54-03	S54-04	S54-04	S54-04
Sample ID	S54SS011	S54SS012	S54SS013	S54SS008	S54SS009	S54SS010	S54SS001	S54SS002	S54SS003	S54SS004	S54SS005	S54SS006
Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Date	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	04/05/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95	03/22/95
Sample Depth (in feet)	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 6.00	10.50 - 11.50	15.50 - 16.50	5.00 - 5.50	10.50 - 11.00	15.00 - 15.50	5.00 - 5.50	10.00 - 10.50	15.00 - 15.50
CLP Metals (in mg/Kg)												
MAGNESIUM	4,460	4,470	2,920	4,960	4,400	3,660	4,350	4,690	3,720	5,560	3,490	7,710
MANGANESE	326 J	390 J	529 J	326	415	682	288	1,170	396	300	666	713
MERCURY	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060	0.060 U	0.060 U	0.060 U	0.060	0.060	0.15 !
MOLYBDENUM	0.19 U	0.61 U	0.18 U	0.19 U	0.18 U	0.19 U	0.50 UJ	0.54 U	0.52 U	0.51 U	0.51 U	0.53 U
NICKEL	17.9	25.4 !	24.2 !	21.1 !	27.8 !	32.2 !	20.9	58.6 #!	25.3 !	22.1 !	50.6 !	90.8 #!
POTASSIUM	1,110 J	1,800 J	942 J	1,450 J	1,490 J	1,230 J	1,870 J	768 J	784 J	2,120 J	1,150 J	765 J
SELENIUM	0.81 U	0.81 U	0.78 U	0.82 U	0.79 U	0.84 U	0.48 UJ	0.51 UJ	0.50 UJ	0.49 UJ	0.48 UJ	0.51 UJ
SILVER	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.12 U	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
SODIUM	70.6	151	97.0	86.7	169	114	193	158	99.8 U	275	110 U	299
THALLIUM	0.35 U	0.91 U	0.79 U	0.44 U	0.65 U	0.79 U	0.98 J	2.2	1.4	1.4	1.6	1.1
VANADIUM	32.7	40.0	37.0	36.5	40.3	48.4	36.9	59.6	35.1	43.7	46.4	88.7
ZINC	41.3 J	43.7 J	26.4 J	47.9	43.6 U	40.8 U	43.7 J	37.0	31.9	49.5	40.2	51.9
Miscellaneous												
OIL & GREASE	35	61	96	31	79	44	57	160	75	29 U	50	30 U

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* = Detected concentrations greater than preliminary remediation goals (PRG) for residential use.

= Detected concentrations greater than the effects range medium (ERM) guideline values (Long et. al. 1995).

! = Detected concentrations greater than the effects range low (ERL) guideline values (Long et. al. 1995).

Table 28: Septic Tank Sludge Analytical Results

Point ID	S13-SP01	S14-SP01	S44-SP01
Sample ID	S13SS010	S14SS009	S44SS005
Matrix	SLUDGE	SLUDGE	SLUDGE
Sample Date	04/26/95	04/28/95	04/27/95
Sample Depth (in feet)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Volatiles (in mg/kg)			
1,1,1-TRICHLOROETHANE	12,000 J	0.03 J	48 J
1,1,2,2-TETRACHLOROETHANE	700 U	0.03 U	20 UJ
1,1,2-TRICHLOROETHANE	700 U	0.03 U	20 UJ
1,1-DICHLOROETHANE	700 U	0.03 U	20 UJ
1,1-DICHLOROETHENE	700 U	0.03 U	20 UJ
1,2-DICHLOROETHANE	700 U	0.03 U	20 UJ
1,2-DICHLOROETHENE (TOTAL)	700 U	0.03 U	20 UJ
1,2-DICHLOROPROPANE	700 U	0.03 U	20 UJ
2-BUTANONE	700 U	0.03 U	20 U
2-HEXANONE	700 U	0.03 U	20 UJ
4-METHYL-2-PENTANONE	700 U	0.03 U	20 UJ
ACETONE	700 U	0.03 U	20 U
BENZENE	700 U	0.03 U	20 UJ
BROMODICHLOROMETHANE	700 U	0.03 U	20 UJ
BROMOFORM	700 U	0.03 U	20 UJ
BROMOMETHANE	700 U	0.03 U	20 UJ
CARBON DISULFIDE	700 U	0.03 U	20 UJ
CARBON TETRACHLORIDE	700 U	0.03 U	20 UJ
CHLOROBENZENE	700 U	0.03 U	20 UJ
CHLOROETHANE	700 U	0.03 U	20 UJ
CHLOROFORM	700 U	0.03 U	20 UJ
CHLOROMETHANE	700 U	0.03 U	20 UJ
CIS-1,3-DICHLOROPROPENE	700 U	0.03 U	20 UJ
DIBROMOCHLOROMETHANE	700 U	0.03 U	20 UJ
ETHYLBENZENE	700 U	0.03 U	20 UJ
METHYLENE CHLORIDE	700 U	0.03 U	20 UJ
STYRENE	700 U	0.03 U	20 UJ
TETRACHLOROETHENE	700 U	0.03 U	20 UJ
TOLUENE	700 U	0.03 U	20 UJ
TRANS-1,3-DICHLOROPROPENE	700 U	0.03 U	20 UJ
TRICHLOROETHENE	2,700 J	0.003 J	12 J
VINYL CHLORIDE	700 U	0.03 U	20 UJ
XYLENE (TOTAL)	700 U	0.03 U	20 UJ
Semivolatiles (in mg/kg)			
1,2,4-TRICHLOROBENZENE	10 U	0.8 U	19 U
1,2-DICHLOROBENZENE	10 U	0.8 U	19 U
1,3-DICHLOROBENZENE	10 U	0.8 U	19 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 28: Septic Tank Sludge Analytical Results

Point ID	S13-SP01	S14-SP01	S44-SP01
Sample ID	S13SS010	S14SS009	S44SS009
Matrix	SLUDGE	SLUDGE	SLUDGE
Sample Date	04/26/95	04/28/95	04/27/95
Sample Depth (in feet)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Semivolatiles (in mg/kg)			
1,4-DICHLOROBENZENE	33 J	0.8 U	19 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	0.8 U	19 U
2,4,5-TRICHLOROPHENOL	24 U	2 U	46 U
2,4,6-TRICHLOROPHENOL	10 U	0.8 U	19 U
2,4-DICHLOROPHENOL	10 U	0.8 U	19 U
2,4-DIMETHYLPHENOL	10 U	0.8 U	19 U
2,4-DINITROPHENOL	24 U	2 U	46 U
2,4-DINITROTOLUENE	10 U	0.8 U	19 U
2,6-DINITROTOLUENE	10 U	0.8 U	19 U
2-CHLORONAPHTHALENE	10 U	0.8 U	19 U
2-CHLOROPHENOL	10 U	0.8 U	19 U
2-METHYLNAPHTHALENE	0.5 J	0.8 U	2 J
2-METHYLPHENOL	10 U	0.8 U	19 U
2-NITROANILINE	24 U	2 U	46 U
2-NITROPHENOL	10 U	0.8 U	19 U
3,3'-DICHLOROBENZIDINE	10 U	0.8 U	19 U
3-NITROANILINE	24 U	2 U	46 U
4,6-DINITRO-2-METHYLPHENOL	24 U	2 U	46 U
4-BROMOPHENYL-PHENYLETHER	10 U	0.8 U	19 U
4-CHLORO-3-METHYLPHENOL	10 U	0.8 U	19 U
4-CHLOROANILINE	10 U	0.8 U	9 J
4-CHLOROPHENYL-PHENYLETHER	10 U	0.8 U	19 U
4-METHYLPHENOL	34 J	0.8 U	19 U
4-NITROANILINE	24 U	2 U	46 U
4-NITROPHENOL	24 U	2 UJ	46 U
ACENAPHTHENE	10 U	0.8 U	19 U
ACENAPHTHYLENE	10 U	0.8 U	19 U
ANTHRACENE	10 U	0.8 U	19 U
BENZO(A)ANTHRACENE	10 J	0.8 U	19 U
BENZO(A)PYRENE	10 U	0.8 U	19 U
BENZO(B)FLUORANTHENE	10 U	0.2 J	19 U
BENZO(G,H,I)PERYLENE	10 U	0.8 U	19 U
BENZO(K)FLUORANTHENE	10 U	0.8 U	19 U
BIS(2-CHLOROETHOXY)METHANE	10 U	0.8 U	19 U
BIS(2-CHLOROETHYL)ETHER	10 U	0.8 U	19 U
BIS(2-ETHYLHEXYL)PHTHALATE	1,200 J	0.3 J	19 U
BUTYLBENZYLPHTHALATE	47 U	0.8 U	19 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 28: Septic Tank Sludge Analytical Results

Point ID	S13-SP01	S14-SP01	S44-SP01
Sample ID	S13SS010	S14SS009	S44SS009
Matrix	SLUDGE	SLUDGE	SLUDGE
Sample Date	04/26/95	04/28/95	04/27/95
Sample Depth (in feet)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Semivolatiles (in mg/kg)			
CARBAZOLE	10 U	0.8 U	19 U
CHRYSENE	0.5 J	0.1 J	19 U
DI-N-BUTYLPHTHALATE	10 U	0.8 U	19 U
DI-N-OCTYLPHTHALATE	10 U	0.8 U	19 U
DIBENZ(A,H)ANTHRACENE	10 U	0.8 U	19 U
DIBENZOFURAN	10 U	0.8 U	19 U
DIETHYLPHTHALATE	10 U	0.8 U	19 U
DIMETHYLPHTHALATE	10 U	0.8 U	19 U
FLUORANTHENE	0.9 J	0.09 J	19 U
FLUORENE	10 U	0.8 U	19 U
HEXACHLOROBENZENE	10 U	0.8 U	19 U
HEXACHLOROBUTADIENE	10 U	0.8 UJ	19 U
HEXACHLOROCYCLOPENTADIENE	10 U	0.8 U	19 U
HEXACHLOROETHANE	10 U	0.8 U	19 U
INDENO(1,2,3-CD)PYRENE	10 U	0.8 U	19 U
ISOPHORONE	10 U	0.8 U	19 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	0.8 U	19 U
N-NITROSODIPHENYLAMINE (1)	10 U	0.8 U	19 U
NAPHTHALENE	2 J	0.8 U	19 U
NITROBENZENE	10 U	0.8 U	19 U
PENTACHLOROPHENOL	24 U	2 U	46 U
PHENANTHRENE	0.5 J	0.8 U	2 J
PHENOL	2 J	0.8 U	19 U
PYRENE	0.8 J	0.09 J	19 U
Pesticides (in mg/kg)			
4,4'-DDD	0.02 J	--	--
4,4'-DDE	0.02 J	--	--
4,4'-DDT	0.008 J	--	--
ALDRIN	0.005 J	--	--
ALPHA-BHC	0.04 J	--	--
ALPHA-CHLORDANE	0.006 J	--	--
AROCLOR-1016	0.2 U	--	--
AROCLOR-1221	0.3 U	--	--
AROCLOR-1232	0.2 U	--	--
AROCLOR-1242	0.2 U	--	--
AROCLOR-1248	0.2 U	--	--
AROCLOR-1254	0.2 U	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 28: Septic Tank Sludge Analytical Results

Point ID	S13-SP01	S14-SP01	S44-SP01
Sample ID	S13SS010	S14SS009	S44SS009
Matrix	SLUDGE	SLUDGE	SLUDGE
Sample Date	04/26/95	04/28/95	04/27/95
Sample Depth (in feet)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Pesticides (in mg/kg)			
AROCLOR-1260	0.2 U	--	--
BETA-BHC	0.02 J	--	--
DELTA-BHC	0.008 U	--	--
DIELDRIN	0.02 U	--	--
ENDOSULFAN I	0.008 J	--	--
ENDOSULFAN II	0.01 J	--	--
ENDOSULFAN SULFATE	0.02 U	--	--
ENDRIN	0.02 U	--	--
ENDRIN ALDEHYDE	0.02 U	--	--
ENDRIN KETONE	0.02 U	--	--
GAMMA-BHC (LINDANE)	0.008 U	--	--
GAMMA-CHLORDANE	0.005 J	--	--
HEPTACHLOR	0.008 U	--	--
HEPTACHLOR EPOXIDE	0.02 J	--	--
METHOXYCHLOR	0.08 U	--	--
TOXAPHENE	0.8 U	--	--
Explosives (in mg/kg)			
1,3,5-TRINITROBENZENE	0.1 U	--	--
1,3-DINITROBENZENE	0.1 U	--	--
2,4,6-TRINITROTOLUENE	0.1 U	--	--
2,4-DINITROTOLUENE	0.1 U	--	--
2,6-DINITROTOLUENE	0.1 U	--	--
2-NITROTOLUENE	0.1 U	--	--
3-NITROTOLUENE	0.1 U	--	--
4-NITROTOLUENE	0.1 U	--	--
HMX	0.1 U	--	--
NITROBENZENE	0.1 U	--	--
RDX	0.9 J	--	--
TETRYL	0.1 U	--	--
Petroleum Hydrocarbons (in mg/kg)			
DIESEL	--	--	16,000 J
MOTOR OIL	--	--	51,000 J
TCLP Metals (in mg/kg)			
ALUMINUM	13,300 J	8,480 J	5,780 J
ANTIMONY	1.2 J	1.3 J	5.5 J
ARSENIC	3.5 J	5.5 J	5.8 J
BARIUM	343 J	443 J	169 J

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 28: Septic Tank Sludge Analytical Results

Point ID	S13-SP01	S14-SP01	S44-SP01
Sample ID	S13SS01C	S14SS009	S44SS009
Matrix	SLUDGE	SLUDGE	SLUDGE
Sample Date	04/26/95	04/28/95	04/27/95
Sample Depth (in feet)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
CLP Metals (in mg/kg)			
BERYLLIUM	0.39 J	0.050 U	0.049 U
CADMIUM	4.9 J	19.8 J	9.5 J
CALCIUM	5,000 J	6,190 J	12,200 J
CHROMIUM	248 J	34.8 J	50.9 J
COBALT	14.4 J	8.3 J	3.8 J
COPPER	52.5 J	178 J	268 J
IRON	22,200 J	15,800 J	27,000 J
LEAD	676 J	189 J	35.3 J
MAGNESIUM	5,540 J	4,390 J	2,920 J
MANGANESE	444 J	291 J	146 J
MERCURY	0.11 J	2.1 J	2.2 J
MOLYBDENUM	1.1 J	1.5 U	12.0 J
NICKEL	48.1 J	31.8 J	30.8 J
POTASSIUM	1,040 J	1,080 J	461 J
SELENIUM	0.63 U	1.6 U	7.3 J
SILVER	0.25 UJ	0.97 J	2.9 J
SODIUM	102 J	114 U	1,460 J
THALLIUM	0.11 U	0.69 U	0.54 U
VANADIUM	55.7 J	38.6 J	26.8 J
ZINC	440 J	968 J	1,010 J
Percent Moisture (percent)			
PERCENT MOISTURE	25.3 J	--	93.0 J
Miscellaneous			
OIL & GREASE	693 J	3,600 J	96,300 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 29: Septic Tank Water Analytical Results

Point ID	S12-SP01	S13-SP01	S14-SP01	S17-SP01	S22-SP01-S.TANK	S22-SP01-W.TANK	S23-SP01	S24-SP01	S25-SP01	S44-SP01	S51-SP01	S52-SP01
Sample ID	S12SP013	S13SP009	S14SP008	S17SP008	S22SP015	S22SP016	S23SP008	S24SP010	S25SP007	S44SP008	S51SP007	S52GW012
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/25/95	04/26/95	04/28/95	04/24/95	04/25/95	04/25/95	04/25/95	04/24/95	04/24/95	04/27/95	05/02/95	05/01/95
Volatiles (in µg/L)												
1,1,1-TRICHLOROETHANE	10 U	100 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	10 U	97 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	10 U	6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	47 J	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U	10 U	100 J
1,2-DICHLOROPROPANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	10 U	33 U	10 U	10 U	10 U	10 U	72 J	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	10 U	63 U	10 U	10 U	10 U	45 U	2,800 J	20 U	22 U	10 U	14 U	12 U
BENZENE	10 U	33 U	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	2 J	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	10 U	33 U	10 U	10 U	10 U	1 J	10 U	2 J	10 U	10 U	10 U	4 J
CARBON TETRACHLORIDE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	10 U	33 U	10 U	2 J	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	1 J	4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	3 J	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	10 U	33 U	10 U	10 U	1 J	10 U	10 U	270 J	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	10 U	32 J	10 U	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
XYLENE (TOTAL)	10 U	33 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Semivolatiles (in µg/L)												
1,2,4-TRICHLOROBENZENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
1,2-DICHLOROBENZENE	89 J	100 U	5 UJ	50 U	5 U	5 U	50 U	52 U	50 U	24 U	5 UJ	5 U
1,3-DICHLOROBENZENE	60 U	100 U	5 UJ	50 U	5 U	5 U	50 U	52 U	50 U	24 U	5 UJ	5 U
1,4-DICHLOROBENZENE	92 U	100 U	5 UJ	50 U	5 U	5 U	50 U	52 U	50 U	24 U	5 UJ	180 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 29: Septic Tank Water Analytical Results

Point ID	S12-SP01	S13-SP01	S14-SP01	S17-SP01	S22-SP01-S.TANK	S22-SP01-W.TANK	S23-SP01	S24-SP01	S25-SP01	S44-SP01	S51-SP01	S52-SP01
Sample ID	S12SP013	S13SP009	S14SP008	S17SP008	S22SP015	S22SP015	S23SP008	S24SP010	S25SP007	S44SP008	S51SP007	S52GW012
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/25/95	04/26/95	04/28/95	04/24/95	04/25/95	04/25/95	04/25/95	04/24/95	04/24/95	04/27/95	05/02/95	05/01/95
Semivolatiles (in ug/L)												
2,2'-OXYBIS(1-CHLOROPROPANE)	120 UJ	210 UJ	10 UJ	100 UJ	10 U	10 U	100 UJ	100 U	100 UJ	48 U	10 UJ	10 U
2,4,5-TRICHLOROPHENOL	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	25 U
2,4,6-TRICHLOROPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2,4-DICHLOROPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2,4-DIMETHYLPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2,4-DINITROPHENOL	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	130 U
2,4-DINITROTOLUENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2,6-DINITROTOLUENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2-CHLORONAPHTHALENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2-CHLOROPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2-METHYLNAPHTHALENE	54 J	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2-METHYLPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
2-NITROANILINE	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	25 U
2-NITROPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
3,3'-DICHLOROBENZIDINE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
3-NITROANILINE	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	25 U
4,6-DINITRO-2-METHYLPHENOL	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	130 U
4-BROMOPHENYL-PHENYLETHER	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
4-CHLORO-3-METHYLPHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
4-CHLOROANILINE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	5 J	10 UJ	10 U
4-CHLOROPHENYL-PHENYLETHER	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
4-METHYLPHENOL	180 J	210 U	10 UJ	100 U	10 U	7 J	640 J	320 J	370 J	48 U	98 J	180 J
4-NITROANILINE	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	25 U
4-NITROPHENOL	300 UJ	520 UJ	25 UJ	250 U	25 U	25 U	250 UJ	260 UJ	250 UJ	120 U	25 UJ	25 U
ACENAPHTHENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
ACENAPHTHYLENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
ANTHRACENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
BENZO(A)ANTHRACENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
BENZO(A)PYRENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
BENZO(B)FLUORANTHENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
BENZO(G,H,I)PERYLENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
BENZO(K)FLUORANTHENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
BIS(2-CHLOROETHOXY)METHANE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
BIS(2-CHLOROETHYL)ETHER	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	40 U	83 U	4 UJ	40 U	4 U	4 U	52 U	64 U	40 U	16 U	5 U	4 U
BUTYLBENZYLPHTHALATE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
CARBAZOLE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
CHRYSENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
DI-N-BUTYLPHTHALATE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 29: Septic Tank Water Analytical Results

Point ID	S12-SP01	S13-SP01	S14-SP01	S17-SP01	S22-SP01-S.TANK	S22-SP01-W.TANK	S23-SP01	S24-SP01	S25-SP01	S44-SP01	S51-SP01	S52-SP01
Sample ID	S12SP013	S13SP009	S14SP008	S17SP008	S22SP015	S22SP016	S23SP008	S24SP010	S25SP007	S44SP008	S51SP007	S52GW012
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/25/95	04/26/95	04/28/95	04/24/95	04/25/95	04/25/95	04/25/95	04/24/95	04/24/95	04/27/95	05/02/95	05/01/95
Semivolatiles (in µg/L)												
DI-N-OCTYLPHTHALATE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
DIBENZ(A,H)ANTHRACENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
DIBENZOFURAN	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
DIETHYLPHTHALATE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
DIMETHYLPHTHALATE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
FLUORANTHENE	120 U	210 U	10 UJ	100 U	10 U	10 U	14 J	100 U	100 U	48 U	10 UJ	10 U
FLUORENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
HEXACHLOROBENZENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
HEXACHLOROBUTADIENE	120 UJ	210 UJ	10 UJ	100 U	10 U	10 U	100 UJ	100 UJ	100 UJ	48 U	10 UJ	10 U
HEXACHLOROCYCLOPENTADIENE	120 UJ	210 UJ	10 UJ	100 UJ	10 U	10 U	100 UJ	100 UJ	100 UJ	48 U	10 UJ	10 U
HEXACHLOROETHANE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
INDENO(1,2,3-CD)PYRENE	120 UJ	210 U	10 UJ	100 U	10 U	10 U	100 U	100 UJ	100 U	48 U	10 UJ	10 U
ISOPHORONE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
N-NITROSO-DI-N-PROPYLAMINE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
N-NITROSODIPHENYLAMINE (1)	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
NAPHTHALENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
NITROBENZENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
PENTACHLOROPHENOL	300 U	520 U	25 UJ	250 U	25 U	25 U	250 U	260 U	250 U	120 U	25 UJ	25 U
PHENANTHRENE	37 J	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
PHENOL	120 U	210 U	10 UJ	100 U	10 U	10 U	110 U	100 U	100 U	48 U	24 J	29 J
PYRENE	120 U	210 U	10 UJ	100 U	10 U	10 U	100 U	100 U	100 U	48 U	10 UJ	10 U
Pesticides (in µg/L)												
4,4'-DDD	--	5 U	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	5 U	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	5 U	--	--	--	--	--	--	--	--	--	--
ALDRIN	--	3 U	--	--	--	--	--	--	--	--	--	--
ALPHA-BHC	--	3 U	--	--	--	--	--	--	--	--	--	--
ALPHA-CHLORDANE	--	3 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1016	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1221	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1232	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1242	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1248	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1254	--	25 U	--	--	--	--	--	--	--	--	--	--
AROCLOR-1260	--	25 U	--	--	--	--	--	--	--	--	--	--
BETA-BHC	--	3 U	--	--	--	--	--	--	--	--	--	--
DELTA-BHC	--	3 U	--	--	--	--	--	--	--	--	--	--
DIELDRIN	--	5 U	--	--	--	--	--	--	--	--	--	--

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Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Naval Weapon Station Concord Laboratory Sampling Report

Table 29: Septic Tank Water Analytical Results

Point ID	S12-SP01	S13-SP01	S14-SP01	S17-SP01	S22-SP01-S.TANK	S22-SP01-W.TANK	S23-SP01	S24-SP01	S25-SP01	S44-SP01	S51-SP01	S52-SP01
Sample ID	S12SP013	S13SP009	S14SP008	S17SP008	S22SP015	S22SP016	S23SP008	S24SP010	S25SP007	S44SP008	S51SP007	S52GW012
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/25/95	04/26/95	04/28/95	04/24/95	04/25/95	04/25/95	04/25/95	04/24/95	04/24/95	04/27/95	05/02/95	05/01/95
Pesticides (in µg/L)												
ENDOSULFAN I	--	3 U	--	--	--	--	--	--	--	--	--	--
ENDOSULFAN II	--	5 U	--	--	--	--	--	--	--	--	--	--
ENDOSULFAN SULFATE	--	5 U	--	--	--	--	--	--	--	--	--	--
ENDRIN	--	5 U	--	--	--	--	--	--	--	--	--	--
ENDRIN ALDEHYDE	--	5 U	--	--	--	--	--	--	--	--	--	--
ENDRIN KETONE	--	5 U	--	--	--	--	--	--	--	--	--	--
GAMMA-BHC (LINDANE)	--	3 U	--	--	--	--	--	--	--	--	--	--
GAMMA-CHLORDANE	--	3 U	--	--	--	--	--	--	--	--	--	--
HEPTACHLOR	--	3 U	--	--	--	--	--	--	--	--	--	--
HEPTACHLOR EPOXIDE	--	0.5 U	--	--	--	--	--	--	--	--	--	--
METHOXYCHLOR	--	25 U	--	--	--	--	--	--	--	--	--	--
TOXAPHENE	--	150 U	--	--	--	--	--	--	--	--	--	--
Explosives (in µg/L)												
1,3,5-TRINITROBENZENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
1,3-DINITROBENZENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
2,4,6-TRINITROTOLUENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	1 J	--	--	0.1 U	0.1 U	--	--	--	--	--	--
2-NITROTOLUENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
3-NITROTOLUENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
4-NITROTOLUENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
HMX	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
NITROBENZENE	--	0.1 U	--	--	0.1 U	0.1 U	--	--	--	--	--	--
RDX	--	0.1 U	--	--	0.1 U	0.2 J	--	--	--	--	--	--
TETRYL	--	0.1 U	--	--	0.1 UJ	0.1 UJ	--	--	--	--	--	--
Petroleum Indicators (in µg/L)												
DIESEL	--	--	--	--	--	--	--	--	--	20 J	--	--
MOTOR OIL	--	--	--	--	--	--	--	--	--	89 J	--	--
CLP Metals (in µg/L)												
ALUMINUM	71,800 J	2,940 J	91,600 J	37,500 J	268 J	141 U	9,750 J	62,200 J	33,100 J	54,200 J	676 J	949 J
ANTIMONY	101 J	1.9 U	9.1 J	9.0 J	2.0 J	1.9 U	12.0 J	256 J	1.9 U	39.6 J	1.9 U	1.9 U
ARSENIC	128 J	7.8 U	39.3 J	43.5 J	1.4 U	1.4 U	14.5 J	259 J	12.1 U	16.0 J	7.6 J	8.9 J
BARIUM	8,450 J	72.8 J	3,060 J	2,130 J	27.3 J	44.7 J	1,720 J	4,410 J	574 J	1,960 J	52.7 J	85.5 J
BERYLLIUM	0.10 J	0.23 U	0.74 U	0.10 U	0.13 U	0.13 U	0.10 U	0.10 U	1.8 U	1.4 J	0.10 U	0.10 U
CADMIUM	417 J	0.10 U	141 J	57.9 J	0.27 U	5.0 J	204 J	1,130 J	10.5 J	63.5 J	0.80 J	0.31 U
CALCIUM	265,000 J	19,700 J	70,900 J	154,000 J	19,500 J	36,400 J	72,900 J	117,000 J	123,000 J	180,000 J	25,300 J	54,500 J
CHROMIUM	836 J	7.5 J	218 J	119 J	1.3 U	2.7 U	92.2 J	612 J	57.5 J	381 J	5.1 J	3.8 J
COBALT	110 J	4.3 U	83.9 J	40.9 J	0.40 U	0.91 U	9.6 J	48.9 J	37.9 J	18.0 J	1.1 U	2.9 U
COPPER	7,510 J	39.9 J	1,460 J	685 J	26.5 J	103 J	661 J	19,600 J	45.3 J	1,520 J	48.6 J	28.7 J

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 29: Septic Tank Water Analytical Results

Point ID	S12-SP01	S13-SP01	S14-SP01	S17-SP01	S22-SP01-S.TANK	S22-SP01-W.TANK	S23-SP01	S24-SP01	S25-SP01	S44-SP01	S51-SP01	S52-SP01
Sample ID	S12SP013	S13SP009	S14SP008	S17SP008	S22SP015	S22SP016	S23SP008	S24SP010	S25SP007	S44SP008	S51SP007	S52GW012
Matrix	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Sample Date	04/25/95	04/26/95	04/26/95	04/24/95	04/25/95	04/25/95	04/25/95	04/24/95	04/24/95	04/27/95	05/02/95	05/01/95
CLP Metals (ug/L)												
IRON	306,000 J	5,620 J	114,000 J	248,000 J	360 J	978 J	41,300 J	570,000 J	63,100 J	212,000 J	1,030 J	1,920 J
LEAD	3,310 J	8.4 U	1,400 J	231 J	4.4 U	9.5 U	269 J	1,490 J	21.6 U	152 J	8.6 J	10.9 J
MAGNESIUM	53,700 J	14,700 J	38,900 J	22,400 J	5,070 J	19,300 J	26,600 J	34,400 J	33,100 J	34,000 J	12,700 J	18,600 J
MANGANESE	1,800 J	161 J	3,490 J	1,510 J	8.5 U	59.3 J	344 J	1,430 J	1,930 J	1,340 J	68.6 J	241 J
MERCURY	7.9 J	0.10 U	13.2 J	1.7 J	0.10 U	0.10 U	15.1 J	1.2 J	0.10 U	46.3 J	0.26 J	0.10 U
MOLYBDENUM	118 J	1.6 U	2.7 U	2.5 U	1.5 U	2.8 U	14.0 J	227 J	0.80 U	42.5 J	4.0 U	1.1 U
NICKEL	350 J	13.8 U	252 J	214 J	1.5 U	2.2 U	46.0 J	245 J	64.6 J	263 J	8.5 J	7.7 J
POTASSIUM	48,500 J	19,100 J	19,800 J	12,000 J	4,190 J	42,600 J	78,600 J	27,300 J	49,300 J	11,600 J	10,600 J	38,600 J
SELENIUM	24.6 J	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	10.7 U	3.5 U	35.6 J	3.5 UJ	3.5 UJ
SILVER	542 J	0.50 U	5.7 J	3.5 J	0.50 U	0.50 U	3.8 J	54.6 J	0.50 U	47.1 J	0.50 U	0.50 U
SODIUM	143,000 J	66,000 J	10,300 J	16,800 J	46,000 J	319,000 J	156,000 J	75,800 J	160,000 J	79,500 J	64,100 J	88,300 J
THALLIUM	7.5 U	1.5 U	1.5 U	7.5 U	1.5 U	2.0 U	1.5 U	15.0 U	1.5 U	1.4 U	1.5 U	1.5 U
VANADIUM	389 J	13.0 J	364 J	408 J	2.3 J	2.1 J	42.6 J	468 J	171 J	223 J	5.9 J	7.6 J
ZINC	26,600 J	118 J	7,850 J	11,700 J	57.0 U	81.6 U	6,120 J	37,700 J	333 J	7,660 J	453 J	89.4 J
Miscellaneous												
OIL & GREASE	39 J	210 J	6.6 J	22 J	5 U	10 J	84 J	9.4 J	27 J	464 J	28 J	11 J

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

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Table 29: Septic Tank Water Analytical Results

Point ID	S53-SP01	S54-SP01	S54-SP02
Sample ID	S53SP008	S54SP016	S54SP015
Matrix	WATER	WATER	WATER
Sample Date	04/26/95	04/27/95	04/27/95
Volatiles (in µg/L)			
1,1,1-TRICHLOROETHANE	10 U	10 U	17 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	17 U
1,1,2-TRICHLOROETHANE	10 U	10 U	17 U
1,1-DICHLOROETHANE	10 U	10 U	17 U
1,1-DICHLOROETHENE	10 U	10 U	17 U
1,2-DICHLOROETHANE	10 U	10 U	17 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	17 U
1,2-DICHLOROPROPANE	10 U	10 U	17 U
2-BUTANONE	10 U	10 U	17 U
2-HEXANONE	10 U	10 U	17 U
4-METHYL-2-PENTANONE	10 U	10 U	17 U
ACETONE	10 U	10 U	17 U
BENZENE	10 U	10 U	17 U
BROMODICHLOROMETHANE	10 U	1 J	17 U
BROMOFORM	10 U	10 U	17 U
BROMOMETHANE	10 U	10 U	17 U
CARBON DISULFIDE	10 U	10 U	17 U
CARBON TETRACHLORIDE	10 U	10 U	17 U
CHLOROBENZENE	10 U	10 U	44 J
CHLOROETHANE	10 U	10 U	17 U
CHLOROFORM	10 U	10 U	17 U
CHLOROMETHANE	10 U	10 U	17 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	17 U
DIBROMOCHLOROMETHANE	10 U	10 U	17 U
ETHYLBENZENE	10 U	10 U	17 U
METHYLENE CHLORIDE	10 U	10 U	17 U
STYRENE	10 U	10 U	17 U
TETRACHLOROETHENE	10 U	10 U	17 U
TOLUENE	24 U	10 U	17 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	17 U
TRICHLOROETHENE	10 U	10 U	17 U
VINYL CHLORIDE	10 U	10 U	17 U
XYLENE (TOTAL)	10 U	10 U	5 J
Semivolatiles (in µg/L)			
1,2,4-TRICHLOROBENZENE	100 U	10 U	100 U
1,2-DICHLOROBENZENE	50 U	5 U	34 J
1,3-DICHLOROBENZENE	50 U	5 U	71 J
1,4-DICHLOROBENZENE	50 U	5 U	1,100 J

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 29: Septic Tank Water Analytical Results

Point ID	S53-SP01	S54-SP01	S54-SP02
Sample ID	S53SP008	S54SP016	S54SP015
Matrix	WATER	WATER	WATER
Sample Date	04/26/95	04/27/95	04/27/95
Semivolatiles (in µg/L)			
2,2'-OXYBIS(1-CHLOROPROPANE)	100 UJ	10 U	100 U
2,4,5-TRICHLOROPHENOL	250 U	25 U	250 U
2,4,6-TRICHLOROPHENOL	100 U	10 U	100 U
2,4-DICHLOROPHENOL	100 U	10 U	100 U
2,4-DIMETHYLPHENOL	100 U	10 U	100 U
2,4-DINITROPHENOL	250 U	25 U	250 U
2,4-DINITROTOLUENE	100 U	10 U	100 U
2,6-DINITROTOLUENE	100 U	10 U	100 U
2-CHLORONAPHTHALENE	100 U	10 U	100 U
2-CHLOROPHENOL	100 U	10 U	100 U
2-METHYLNAPHTHALENE	100 U	10 U	100 U
2-METHYLPHENOL	100 U	10 U	100 U
2-NITROANILINE	250 U	25 U	250 U
2-NITROPHENOL	100 U	10 U	100 U
3,3'-DICHLOROBENZIDINE	100 U	10 U	100 U
3-NITROANILINE	250 U	25 U	250 U
4,6-DINITRO-2-METHYLPHENOL	250 U	25 U	250 U
4-BROMOPHENYL-PHENYLETHER	100 U	10 U	100 U
4-CHLORO-3-METHYLPHENOL	100 U	10 U	100 U
4-CHLOROANILINE	100 U	10 U	100 U
4-CHLOROPHENYL-PHENYLETHER	100 U	10 U	100 U
4-METHYLPHENOL	74 J	10 U	100 U
4-NITROANILINE	250 U	25 U	250 U
4-NITROPHENOL	250 UJ	25 U	250 U
ACENAPHTHENE	100 U	10 U	100 U
ACENAPHTHYLENE	100 U	10 U	100 U
ANTHRACENE	100 U	10 U	100 U
BENZO(A)ANTHRACENE	100 U	10 U	100 U
BENZO(A)PYRENE	100 U	10 U	100 U
BENZO(B)FLUORANTHENE	100 U	10 U	100 U
BENZO(G,H,I)PERYLENE	100 U	10 U	100 U
BENZO(K)FLUORANTHENE	100 U	10 U	100 U
BIS(2-CHLOROETHOXY)METHANE	100 U	10 U	100 U
BIS(2-CHLOROETHYL)ETHER	100 U	10 U	100 U
BIS(2-ETHYLHEXYL)PHTHALATE	40 U	12 U	40 U
BUTYLBENZYLPHTHALATE	100 U	10 U	100 U
CARBAZOLE	100 U	10 U	100 U
CHRYSENE	100 U	10 U	100 U
DI-N-BUTYLPHTHALATE	100 U	10 U	100 U

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Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 29: Septic Tank Water Analytical Results

Point ID	S53-SP01	S54-SP01	S54-SP02
Sample ID	S53SP008	S54SP016	S54SP015
Matrix	WATER	WATER	WATER
Sample Date	04/26/95	04/27/95	04/27/95
Semivolatiles (in µg/L)			
DI-N-OCTYLPHTHALATE	100 U	10 U	100 U
DIBENZ(A,H)ANTHRACENE	100 U	10 U	100 U
DIBENZOFURAN	100 U	10 U	100 U
DIETHYLPHTHALATE	100 U	10 U	100 U
DIMETHYLPHTHALATE	100 U	10 U	100 U
FLUORANTHENE	100 U	0.6 J	100 U
FLUORENE	100 U	10 U	100 U
HEXACHLOROBENZENE	100 U	10 U	100 U
HEXACHLOROBUTADIENE	100 UJ	10 U	100 U
HEXACHLOROCYCLOPENTADIENE	100 UJ	10 U	100 U
HEXACHLOROETHANE	100 U	10 U	100 U
INDENO(1,2,3-CD)PYRENE	100 U	10 U	100 U
ISOPHORONE	100 U	10 U	100 U
N-NITROSO-DI-N-PROPYLAMINE	100 U	10 U	100 U
N-NITROSODIPHENYLAMINE (1)	100 U	10 U	100 U
NAPHTHALENE	100 U	10 U	1,100 J
NITROBENZENE	100 U	10 U	100 U
PENTACHLOROPHENOL	250 U	25 U	250 U
PHENANTHRENE	100 U	10 U	100 U
PHENOL	100 U	10 U	100 U
PYRENE	100 U	0.5 J	100 U
Pesticides (in µg/L)			
4,4'-DDD	--	--	--
4,4'-DDE	--	--	--
4,4'-DDT	--	--	--
ALDRIN	--	--	--
ALPHA-BHC	--	--	--
ALPHA-CHLORDANE	--	--	--
AROCLOR-1016	--	--	--
AROCLOR-1221	--	--	--
AROCLOR-1232	--	--	--
AROCLOR-1242	--	--	--
AROCLOR-1248	--	--	--
AROCLOR-1254	--	--	--
AROCLOR-1260	--	--	--
BETA-BHC	--	--	--
DELTA-BHC	--	--	--
DIELDRIN	--	--	--

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 29: Septic Tank Water Analytical Results

Point ID	S53-SP01	S54-SP01	S54-SP02
Sample ID	S53SP008	S54SP016	S54SP015
Matrix	WATER	WATER	WATER
Sample Date	04/26/95	04/27/95	04/27/95
Pesticides (in µg/L)			
ENDOSULFAN I	--	--	--
ENDOSULFAN II	--	--	--
ENDOSULFAN SULFATE	--	--	--
ENDRIN	--	--	--
ENDRIN ALDEHYDE	--	--	--
ENDRIN KETONE	--	--	--
GAMMA-BHC (LINDANE)	--	--	--
GAMMA-CHLORDANE	--	--	--
HEPTACHLOR	--	--	--
HEPTACHLOR EPOXIDE	--	--	--
METHOXYCHLOR	--	--	--
TOXAPHENE	--	--	--
Explosives (in µg/L)			
1,3,5-TRINITROBENZENE	--	--	--
1,3-DINITROBENZENE	--	--	--
2,4,6-TRINITROTOLUENE	--	--	--
2,4-DINITROTOLUENE	--	--	--
2,6-DINITROTOLUENE	--	--	--
2-NITROTOLUENE	--	--	--
3-NITROTOLUENE	--	--	--
4-NITROTOLUENE	--	--	--
HMX	--	--	--
NITROBENZENE	--	--	--
RDX	--	--	--
TETRYL	--	--	--
Petroleum Indicators (in µg/L)			
DIESEL	--	--	--
MOTOR OIL	--	--	--
TTLC Metals (in µg/L)			
ALUMINUM	12,900 J	642 J	87,300 J
ANTIMONY	2.8 J	2.1 U	6.0 J
ARSENIC	10.0 U	2.5 U	22.7 J
BARIUM	698 J	54.5 J	1,260 J
BERYLLIUM	0.24 U	0.040 U	7.7 J
CADMIUM	47.4 J	0.26 U	0.25 U
CALCIUM	113,000 J	28,000 J	336,000 J
CHROMIUM	43.8 J	1.9 J	138 J
COBALT	20.5 J	1.1 U	160 J
COPPER	579 J	25.3 J	181 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed

Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.

Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

Table 29: Septic Tank Water Analytical Results

Point ID	S53-SP01	S54-SP01	S54-SP02
Sample ID	S53SP008	S54SP016	S54SP015
Matrix	WATER	WATER	WATER
Sample Date	04/26/95	04/27/95	04/27/95
CLP Metals (in µg/L)			
IRON	27,800 J	3,780 J	212,000 J
LEAD	117 J	1.5 U	57.6 J
MAGNESIUM	43,700 J	14,600 J	69,100 J
MANGANESE	2,990 J	59.5 J	6,620 J
MERCURY	0.55 J	0.060 U	1.6 J
MOLYBDENUM	4.6 U	1.7 J	4.5 J
NICKEL	47.7 J	4.1 J	270 J
POTASSIUM	62,900 J	6,860 J	28,000 J
SELENIUM	3.5 U	3.0 UJ	3.0 UJ
SILVER	0.50 U	1.2 UJ	1.2 UJ
SODIUM	150,000 J	61,000 J	57,300 J
THALLIUM	1.5 U	0.30 U	1.5 U
VANADIUM	48.4 J	4.5 J	578 J
ZINC	1,110 J	59.9 J	2,720 J
Miscellaneous			
OIL & GREASE	8.7 J	3.7 U	43.9 J

Notes: U = Not detected with detection limit indicated, J = Estimated value, -- = Not analyzed
Inorganic results less than 10 are reported to two significant figures and results greater than 10 are reported to three significant figures.
Organic results less than 10 are reported to one significant figure and results greater than 10 are reported to two significant figures.

TABLE 30

RFI CONFIRMATION STUDY
STATISTICAL SUMMARY OF SOIL SAMPLE INORGANIC ANALYSIS RESULTS

Analyte	Detected Samples/ Analyzed Samples	Type of Distri-bution	Concentration						
			Maximum Detected	Minimum Detected	Average Detected	Maximum SQL	Minimum SQL	Preliminary Remediation Goals (PRG)	
								Residential	Industrial
Total Metals (mg/kg):									
ALUMINUM	203/203	Normal	25600.00	3340.00	12322.12	NL	NL	77000	100000
ANTIMONY	77/193	Nonpara.	5.60	0.38	0.69	1.70	0.34	31	680
ARSENIC	193/203	Nonpara.	65.40	1.40	5.11	2.50	0.63	0.38	2.4
BARIUM	203/203	Nonpara.	1520.00	3.50	169.49	NL	NL	5300	100000
BERYLLIUM	20/203	Lognormal	0.52	0.22	0.33	0.38	0.02	0.14	1.1
CADMIUM	10/203	Nonpara.	3.50	0.10	1.07	0.22	0.02	9.0	852
CALCIUM	203/203	Nonpara.	128000.00	824.00	7312.43	NL	NL	Not Available	Not Available
CHROMIUM	203/203	Lognormal	89.50	6.40	31.48	NL	NL	210	450
COBALT	203/203	Lognormal	46.20	3.30	13.86	NL	NL	4600	97000
COPPER	203/203	Lognormal	334.00	4.30	32.40	NL	NL	2800	63300
IRON	203/203	Normal	51100.00	7190.00	20799.21	NL	NL	Not Available	Not Available
LEAD	193/203	Nonpara.	375.00	2.40	12.79	11.90	5.80	130	1000
MAGNESIUM	203/203	Nonpara.	27100.00	1890.00	7426.95	NL	NL	Not Available	Not Available
MANGANESE	203/203	Nonpara.	12100.00	75.10	593.48	NL	NL	3200	8300
MERCURY	45/203	Nonpara.	0.82	0.03	0.13	0.17	0.05	23	511
MOLYBDENUM	2/203	Not Tested	5.10	0.24	2.67	0.85	0.15	380	8520
NICKEL	197/203	Nonpara.	2160.00	6.30	59.25	63.30	5.20	150	34100
POTASSIUM	201/203	Lognormal	5720.00	410.00	1534.15	946.00	603.00	Not Available	Not Available
SELENIUM	0/203	NA	ND	ND	ND	1.10	0.45	380	8520
SILVER	1/203	Not Tested	1.30	1.30	1.30	0.26	0.10	380	8520
SODIUM	141/203	Lognormal	1820.00	31.40	329.51	396.00	25.30	Not Available	Not Available
THALLIUM	38/203	Nonpara.	15.60	0.57	1.91	1.80	0.10	5.4	120
VANADIUM	203/203	Normal	119.00	14.80	48.20	NL	NL	540	11900
ZINC	181/203	Nonpara.	529.00	26.40	59.82	43.80	19.30	23000	100000

NOTES:
SQL = Sample quantitation limit, NA = Not Applicable, NL = Not listed; analyte detected in all samples
ND = Not Detected, Nonpara. = Nonparametric
Maximum and minimum SQLs refer only to undetected analytes. SQLs for undetected analytes can be found in data summary tables.

06/28/96

TABLE 31
ESTIMATED AMBIENT LIMIT CONCENTRATIONS OF INORGANIC CONSTITUENTS
NAVAL WEAPONS STATION CONCORD

	Estimated Ambient Limit Concentration (mg/kg) [a]			
	Inland Area			
Metal	Los Medanos Hills Formation (SWMUs 1, 2, 5, 7, 12/20, 14, 16, 18, 22, 23, 25, and 54)	Sedimentary Formation Deposits (SWMUs 13, 15, 17, 24, 51, 52, and 53)	Tidal Area (SWMUs 37, 40, 44, and 50)	US EPA [b] Residential PRG (mg/kg)
Aluminum	20,000	21,000	26,000	77,000
Antimony	1.2	0.9	1.7	31
Arsenic	7.3	15	24	0.38
Barium	210	560	300	5,300
Beryllium	0.56	0.12	0.12	0.14
Cadmium	0.15	0.28	0.29	9.0 [c]
Chromium	55	62	81	210 [e]
Cobalt	24	25	24	4,600
Copper	64	65	59	2,800
Lead	18	32	61	130 [c]
Manganese	870	1,300	840	3,200
Mercury	0.14	0.17	0.22	23 [f]
Molybdenum	DL [d]	DL [d]	5.4	380
Nickel	86	100	107	150 [c]
Selenium	DL [d]	DL [d]	DL [d]	380
Silver	DL [d]	DL [d]	DL [d]	380
Thallium	DL [d]	1.4	1.4	5.4 [g]
Vanadium	86	95	86	540
Zinc	83	99	180	23,000

Notes: Shaded areas in the above table indicate estimated ambient limit concentrations that exceed the residential PRG.

a Estimated ambient limit concentrations are statistically calculated to be equal to 80 percent of the lower confidence limit on the 95th percentile of the ambient data set. Some of the ambient data sets consisted of both detected and nondetected results. Nondetected results were represented by values of ½ the detection limit. The estimated ambient limit concentration calculations excluded anomalously low and high values from each data set.

b U. S. EPA preliminary remediation goals for residential use (EPA 1995).

c The residential PRG is the California Modified PRG (EPA 1995).

d The estimated ambient limit concentration was set at the detection limit (DL).

e Represents the PRG for total chromium (assumes a 1/6 ratio of chromium VI to chromium III).

f Represents the PRG for mercuric chloride.

g Represents the PRG for thallic oxide.

TABLE 32
SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS
NAVAL WEAPONS STATION CONCORD

SWMU SITE	CONCLUSIONS AND RECOMMENDATIONS
1	The site should be transferred to the Navy's UST program and the SWMU site should be removed from the RCRA corrective action program because hazardous constituents were not detected in soil and there is no evidence of a release of hazardous materials from the site. A CERCLA process RI is recommended at SWMUs 5 and 18 to determine the source of VOC chemicals detected in groundwater at SWMU 1 and to evaluate remedial alternatives for in the area.
2	Hydrocarbons were detected sporadically in soil samples and were also detected in groundwater samples However, the hydrocarbons in groundwater are not related to soils containing hydrocarbons at this SWMU site because hydrocarbons in soil have not been found extending to groundwater. Remediation of sporadic detections of hydrocarbons in soil is unnecessary because the hydrocarbons were not detected at concentrations that threaten human health or the environment.. The SWMU is recommended for no further action under the RCRA corrective action program because there is no evidence of site activities that have caused or contributed to the hydrocarbons detected in groundwater. Groundwater at SWMU 2 should be investigated under a CERCLA process RI of SWMUs 5 and 18 to determine the source of chemicals in groundwater and to evaluate remedial alternatives
5	The site should be investigated under a CERCLA process RI to determine the source of contamination in chemicals in groundwater and to evaluate remedial alternatives.
7	The USTs should be removed under the Navy's UST program (including soil and groundwater remediation as necessary). Because there is no evidence of hazardous materials affecting soils at SWMU 7, the site is recommended for no further action under the RCRA corrective action program. The VOC contamination of groundwater should be investigated under a CERCLA process RI of SWMUs 5 and 18 to determine the source of chemicals in groundwater at SWMU 7 and to evaluate remedial alternatives
12/20	SWMU 12/20 is located in the vicinity of installation restoration (IR) Site 17. Manganese and thallium were detected in one soil sample exceeding the PRGs. However, soil containing manganese and thallium are limited in lateral extent and were deeply buried. There is no pathway for human or environmental exposure to these constituents. Elevated concentrations of manganese and thallium were not detected in soil samples collected at IR Site 17. The concentrations of VOCs detected at SWMU 12/20 were low and did not exceed PRGs (when applicable). Because hazardous constituents are not a threat at the site, and because there is no known source for these constituents, the SWMU site is recommended for no further action under the RCRA corrective action program.
13	Hazardous waste present in the septic tank is proposed for removal under an interim RCRA corrective action before the end of 1996. After the septic tank waste is removed, potentially harmful concentrations of hazardous materials will not be present at the site. At that time, the SWMU site will not pose significant threat to human health or the environment. Following the septic tank waste removal, the SWMU site is recommended for no further action under the RCRA corrective action program.

TABLE 32 (Continued)
SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS
NAVAL WEAPONS STATION CONCORD

SWMU SITE	CONCLUSIONS AND RECOMMENDATIONS
14	The nickel detected in soil is deeply buried and generally does not exceed the PRG by a significant amount. As such, the SWMU site poses no threat to human health and the environment; however, the septic tank sewer water may be contributing to the elevated concentration of nickel in soil. The septic tank sewer water should be removed for treatment or off-site disposal. After removal and off-site disposal of the septic tank sewer water, the SWMU site is recommended for no further action under the RCRA corrective action program.
15	Barium, manganese, and thallium were detected in one soil sample at potentially elevated concentrations. There is no pathway for human or environmental exposure to the metals detected in soil because of the depth and surface cover. The small volume of soil material containing elevated metals further limits the possibility of exposure. The SWMU site presents no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
16	High concentrations of pesticides were detected in the soils. An interim RCRA corrective action has been performed at the site. Upon receipt of the appropriate confirmation sample results, SWMU 16 is recommended for no further action under the RCRA corrective action program.
17	Potentially harmful concentrations of hazardous materials were not detected. SWMU 17 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
18	Soil at SWMU 18 is sporadically contaminated with hydrocarbons. Hydrocarbons were also detected in groundwater. Because of the asphalt covering of the site, there is no exposure pathway for human and ecological receptors. A CERCLA process RI should be conducted in the vicinity of SWMUs 5 and 18 to evaluate the source of constituents detected in groundwater and to evaluate possible remedial alternatives.
22	Potentially harmful concentrations of hazardous materials were not detected. SWMU 22 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
23	Potentially harmful concentrations of hazardous materials were not detected. SWMU 23 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
24	Potentially harmful concentrations of hazardous materials were not detected. SWMU 24 poses no threat to human health and the environment and is recommended for no further action under the RCRA SWMU corrective action program.
25	Potentially harmful concentrations of hazardous materials were not detected. SWMU 25 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
37	SWMU 37 is located in the vicinity of IR Site 11. Potentially harmful concentrations of hazardous materials were not detected in soil or filtered samples of groundwater. SWMU 37 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.

TABLE 32 (Continued)
SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS
NAVAL WEAPONS STATION CONCORD

SWMU SITE	CONCLUSIONS AND RECOMMENDATIONS
40	Soil samples contained trace concentrations of PCBs and pesticides. The Navy has conducted an interim RCRA corrective action, including a limited site excavation and capping of PCB- and pesticide-contaminated soil with an impervious surface. SWMU 40 is recommended for no further action under the RCRA corrective action program.
44	Potentially harmful concentrations of hazardous materials were not detected. SWMU 44 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
50	Hydrocarbons were detected in soil and groundwater. SWMU 50 should be transferred to the Navy's UST program for and removed from the RCRA corrective action program.
51	Potentially harmful concentrations of hazardous materials were not detected. SWMU 51 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
52	SWMU 52 is located in the vicinity of IR Site 22. Arsenic and lead were detected in surface soil samples. Arsenic and lead did not originate from the SWMU septic tank because the surface soils are located above the septic tank leach field system and because the surface soils containing arsenic are widely distributed at the site. The potential hazards associated with arsenic and lead at the site are more fully evaluated in the RI of IR Site 22. The septic tank and leach field system at SWMU 52 poses no threat to human health and the environment. Because potentially harmful concentrations of hazardous materials were not detected, the SWMU site is recommended for no further action under the RCRA corrective action program.
53	Potentially harmful concentrations of hazardous materials were not detected. SWMU 53 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.
54	Potentially harmful concentrations of hazardous materials were not detected. SWMU 54 poses no threat to human health and the environment and is recommended for no further action under the RCRA corrective action program.

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act
IR = Installation Restoration
mg/kg = milligrams per kilogram
PCB = polychlorinated biphenyls
PRG = Preliminary Remediation Goal
RCRA = Resource Conservation and Recovery Act
RI = Remedial Investigation
SVOC = semivolatile organic compounds
SWMU = solid waste management unit
UST = underground storage tank
VOC = volatile organic compounds
µg/L = micrograms per liter