New York State Department of Environmental Conservation Division of Environmental Remediation

Remedial Bureau B, 12th Floor

625 Broadway, Albany, New York 12233-7016 **Phone:** (518) 402-9768 • **Fax:** (518) 402-9773

Website: www.dec.ny.gov



March 18, 2014

Mr. Gregory Goepfert New York District, Corps of Engineers Jacob Javits Federal Building New York, New York 10278-0090

Re: Site Boundary Modification; Fort Totten Coast Guard Station

(Site ID No. 241017)

Dear Mr. Goepfert:

I am writing in response to your letter of September 25, 2013, wherein you request the department to "delist" the ball fields portion of the referenced site due to there being no indication that the area contained contamination at levels of concern.

Both the New York State Department of Environmental Conservation, as well as the New York State Department of Health, reviewed information in order to respond to your request, and concluded that there were no waste handling practices ever inferred to have occurred at the ball fields portion of the site, and further, data collected early in the Remedial Investigation process from the ball fields did not reveal any significant contamination. Based upon that review, the ball fields have been removed from the site description, and this area will require no further investigation under this program.

I should note that the reduction was handled internally as a "boundary modification" as opposed to a "delisting," but the net outcome is the same. The fort Totten Coast Guard site is now listed as being approximately 7.8 acres following the removal of the 1.8 acre ball field area from the description. The attached drawing from your request should adequately show the approximate current site boundary.

Please feel free to contact me if you should have any questions. Thank you.

Sincerely,

Jonathan Greco Project Manager

Attachments



DEPARTMENT OF THE ARMY

NEW YORK DISTRICT, CORPS OF ENGINEERS JACOB K. JAVITS FEDERAL BUILDING NEW YORK, N.Y. 10278-0090 September 25, 2013

REPLY TO ATTENTION OF

Programs and Project Management Division

New York State Department of Environmental Conservation Division of Environmental Remediation, Remedial Bureau B c/o Mr. Jonathan Greco 625 Broadway, 11th Floor Albany, New York 12233-7016

RE: PETITION TO DE-LIST PORTION OF ENGINEER SCHOOL / FORT TOTTEN, FORMERLY USED DEFENSE SITE (FUDS), PROPERTY No. C02NY0057 [NYSDEC Site ID No. 241017]

Dear Mr. Greco:

Subsequent to our discussion, we are requesting that the ball field, located on the Engineer School / Fort Totten FUDS, be removed from the New York State Department of Environmental Conservation's listing on the *Registry of Inactive Hazardous Waste Sites*.

The U. S. Coast Guard submitted the analysis results of soil samples taken by their contractor, and, in a letter dated December 2, 1996, the New York State Department of Health determined that "...no contaminants were detected in the soil at levels that would pose a health concern for users of the ballfield." A copy of that letter is enclosed, as well as a figure depicting the ball field location.

I may be reached at (917) 790-8235, if you have any questions regarding this matter.

Thank you in advance for your consideration of this request.

Sincerely,

nego

Project Manager

Encls.

cc: State of New York, Department of Health (Ms. Bridgett Callaghan), w/ encls.

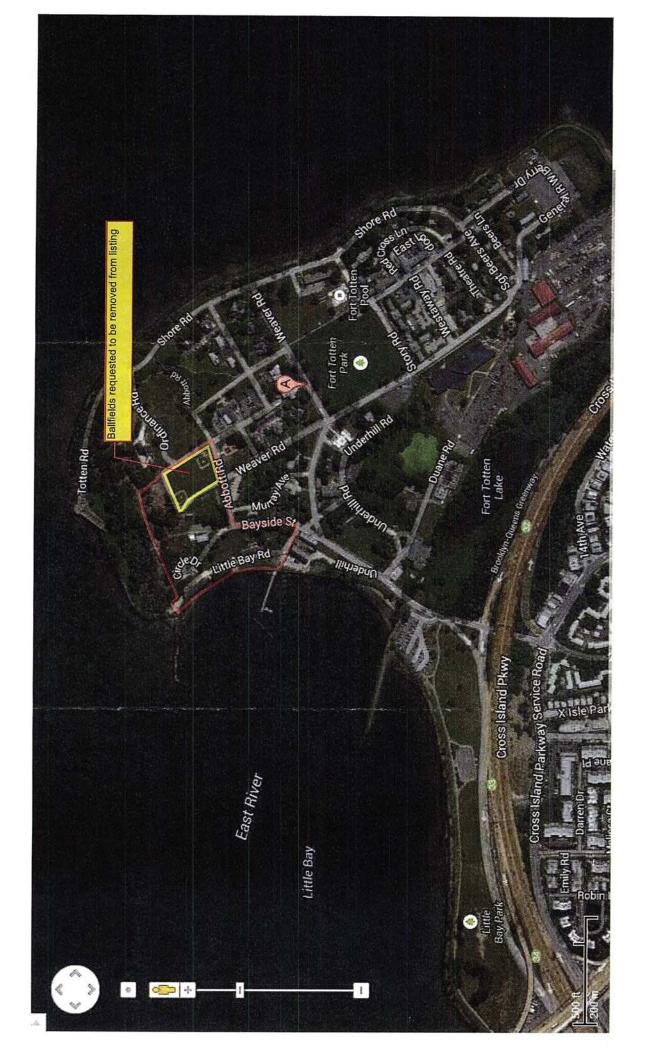
U. S. Coast Guard, Sector New York (Mr. Jim Kerr), w/encls.

U. S. Army Corps of Engineers, New England District (Mr. Dean Brammer), w/encls.

RECEIVED

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REMEDIAL BUREAU D





STATE OF NEW YORK #24/017 DEPARTMENT OF HEALTH

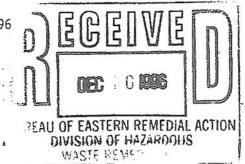
Office of Public Health

II University Place

Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H. Commissioner

December 2, 1996



Ms. Rachel Marino
Environmental Branch Chief
U.S. Department of Transportation
US Coast Guard
300 Metro Center Blvd.
Warwick, Rhode Island 02886

RE: Ballfield Soil Data Summary Site# 241017 Fort Totten Flushing, Queens

Dear Ms. Marino:

Thank you for forwarding the data for the soil samples that your contractor collected on September 3, 1996 from the baseball field located on the US Coast Guard property on Fort Totten. I have reviewed the data and have the following comments.

In summary, as we have previously discussed, the purpose of this sampling was to determine the potential exposure of contaminants to children playing on the ballfield. Composite soil samples were collected from 1st, 2nd and 3rd bases, homeplate and the pitcher's mound at 0-1". 1-3" and 3-6" depths. These sample locations were chosen as being representative of ball playing activities. The samples were analyzed for volatiles, semivolatiles, pesticides and PCBs and metals. Based upon our review of the data, no contaminants were detected in the soil at levels that would pose a health concern for users of the ballfield.

Thank you for your cooperation in obtaining the samples and analyzing them. If you have any questions, please call me at (518) 458-6305.

Sincerely,

Kim Evaus

Kim Evans
Research Scientist I
Bureau of Environmental Exposure
Investigation

ENVIRONMENTAL SERVICES LABORATORY

(516) 291-2300

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-542

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE #1

CANADI E NO :	4	DESCRIPTION:	SOIL SAMPLE- 1 ST BASE 0-1 INCH BELOW GRADE	
SAMPLE NO:	1	DESCRIPTION.	COIL OF WITH ZE	-

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC UG/G
CONTAMINANT	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	7.09
ACENAPHTHENE	<0.19	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.035
ACENAPHTHYLENE	<0.35	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACROLEIN	<0.20	1,4 DICHLOROBENZENE	<0.10	NICKEL	9.5
ACRYLONITRILE	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ALDRIN	47.84	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTIMONY	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	< 0.36
ANTHRACENE	1.92	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
ARSENIC	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0:24
BENZO(A)ANTHRACENE		DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZENE	<0.10	2,4 DICHLOROPHENOL	<0.17	N-NITROSODIPHENYLAMINE	<0.19
BENZIDINE	<4.4	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(A)PYRENE	<0.25	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(B)FLUORANTHENE	<0.48		<0.10	PCB 1254	<3.0
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.27	PCB 1221	<1.7
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1232	<3.5
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.16	PCB 1232	<1.7
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1240	<2.5
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.19	PCB 1016	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE		PHENOL	<0.15
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PENTACHLOROPHENOL	<0.36
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-0.4		<0.54
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE		PHENANTHRENE	2.63
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	9.18
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	<0.25
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.19
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	0.46
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	<0.73
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.91
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	18.84	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	7.39	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	1.489	D-BHC	<0.31	VINYL CHLORIDE	<0.10
},4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	34.67
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	< 0.22		

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ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581 FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 2

SAMPLE NO.:	2	DESCRIPTION: S	SOIL SAMPLE- 1 ST BASE 1-3 INCHES BELOW GF	RADE
CLIENT: U.S.C.	G.S.	WILLETS POINT, FORT T	TOTTEN, N.Y.	JOB NO.: 96-625

CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC UG/G
CONTAMINANT	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	20.94
ACENAPHTHENE		1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACENAPHTHYLENE	<0.35	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACROLEIN	<0.20	1,4 DICHLOROBENZENE	<0.10	NICKEL	8.79
ACRYLONITRILE	<0.22	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ALDRIN	<0.19	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTIMONY	30.81		<0.10	2-NITROPHENOL	<0.36
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	4-NITROPHENOL	<0.24
ARSENIC	4.23	1,1 DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIPHENYLAMINE	<0.19
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	PCB 1242	<2.2
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE		PCB 1254	<3.0
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25		<1.7
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221 PCB 1232	<3.5
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22		<1.7
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<2.5
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<0.15
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)		PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.29
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.48
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	< 0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	20.27	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	4.4	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	1.664	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	28.92
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
	<0.28	ISOPHORONE	<0.22		

ENVIRONMENTAL SERVICES LABORATORY

(516) 291-2300 181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 3

SAMPLE NO.: 3 DESCRIPTION: SOIL SAMPLE- 1 ST BASE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

	CONC.	CONTABINIANT	CONC.	CONTAMINANT	CONC UG/G
CONTAMINANT	UG/G	CONTAMINANT	UG/G		
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	39.18
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	13.64
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE		NITROBENZENE	<0.19
ANTIMONY	26.45	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.6	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.58
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	3.13
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.07
	<0.30	FLUORENE	<0.19	SILVER	0.73
4-CHLORO-3-METHYL PHENOL CHLOROMETHANE	<0.40	FLUORANTHENE	<0.13	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
	<0.10	HEPTACHLOR EPOXIDE	<0.19	THALLIUM	6.92
2-CHLOROPHENOL					
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	20.91	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	9.41	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
1,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	42.02
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		

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ENVIRONMENTAL SERVICES LABORATORY

(516) 291-2300

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581 FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 4

SAMPLE NO.: 4 DESCRIPTION: SOIL SAMPLE- 2 ND BASE 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

	CONC.		CONC.		CONC
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.26
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	9.150
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	35.08	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.18	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENÉ	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2.4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.3	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	< 0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	< 0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	2.37
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.33
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	< 0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	18.89	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
000000	3.89	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	26.78
4,4-DDE	<0.56		<0.12	TOXAPHENE	<8.7
	<0.38	INDENO(1,2,3-CD)PYRENE ISOPHORONE	<0.22	10/01/11/11	
4,4-DDD KEY: UG/G = PARTS PER I	THE RESERVE OF THE PERSON NAMED IN	= DETECTED CO	The second secon	D - = NOT TESTE	

ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 5

SAMPLE NO .:

123W/REPORT\96625.WK3

(516) 291-2300

DESCRIPTION: SOIL SAMPLE- 2 ND BASE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

	CONC.		CONC.		CON
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/C
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	10.2
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	7.98
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	17.9	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.63	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMORHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.08	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	3.41
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.19
CHROMIUM (T)	14.83	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.15	TRICHLOROETHYLENE	<0.10
COPPER	2.89	B-BHC	<0.42		
YANIDE	1.314	D-BHC		2,4,6-TRICHLOROPHENOL	<0.27
4-DDT	<0.47		<0.31	VINYL CHLORIDE	<0.10
4-DDE	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	23.37
4,4-DDD	<0.38	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
(EY: UG/G = PARTS PER M		ISOPHORONE = DETECTED CO	<0.22	D - = NOT TESTE	

ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 6

SAMPLE NO.: 6 DESCRIPTION: SOIL SAMPLE- 2 ND BASE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONC. CONC. CONC. CONTAMINANT UG/G CONTAMINANT UG/G CONTAMINANT UG/G 31.64 < 0.25 LEAD ACENAPHTHENE < 0.19 DIBENZO(A,H)ANTHRACENE < 0.35 1,2 DICHLOROBENZENE < 0.10 MERCURY 0.026 **ACENAPHTHYLENE** NAPHTHALENE < 0.16 < 0.10 < 0.20 1,3 DICHLOROBENZENE ACROLEIN 11.78 < 0.10 NICKEL ACRYLONITRILE < 0.22 1.4 DICHLOROBENZENE < 0.19 3,3 DICHLOROBENZIDINE <1.65 NITROBENZENE < 0.19 ALDRIN < 0.10 < 0.10 METHYLENE CHLORIDE 1,1 DICHLOROETHANE 13.58 ANTIMONY < 0.36 < 0.10 2-NITROPHENOL < 0.19 1,2 DICHLOROETHANE ANTHRACENE < 0.24 0.99 1,1 DICHLOROETHENE < 0.10 4-NITROPHENOL ARSENIC < 0.24 < 0.10 BENZO(A)ANTHRACENE < 0.78 TNS-1,2-DICHLOROETHENE 4,6-DINITRO-2-METHYLPHENOL < 0.21 < 0.10 < 0.10 N-NITROSODIMETHYLAMINE BENZENE DICHLOROBROMOMETHANE < 0.27 < 0.19 <4.4 2,4 DICHLOROPHENOL N-NITROSODIPHENYLAMINE BENZIDINE <3:0 < 0.10 < 0.25 1,2 DICHLOROPROPANE N-NITROSODIPROPYLAMINE BENZO(A)PYRENE <2:2 < 0.10 PCB 1242 1.3 DICHLOROPROPENE < 0.48 BENZO(B)FLUORANTHENE <3.0 < 0.25 PCB 1254 < 0.25 DIELDRIN BENZO(K)FLUORANTHENE <1.7 2.4 DIMETHYLPHENOL < 0.27 PCB 1221 < 0.41 BENZO(G,H,I)PERYLENE PCB 1232 <3.5 < 0.22 DIETHYL PHTHALATE 1.05 BERYLLIUM <1.7 DIMETHYL PHTHALATE < 0.16 PCB 1248 **BROMOFORM** < 0.10 < 2.5 2.4 DINITROTOLUENE < 0.57 PCB 1260 < 0.10 BROMOMETHANE <2.5 < 0.19 PCB 1016 < 0.19 2.6 DINITROTOLUENE 4-BROMOPHENYL PHENYL ETHER < 0.15 < 0.42 PHENOL 0.52 2.4 DINITROPHENOL CADMIUM < 0.36 DIOXIN(2,3,7,8-TCDD) -PENTACHLOROPHENOL < 0.10 CARBON TETRACHLORIDE < 0.54 PHENANTHRENE <4.69 1,2 DIPHENYLHYDRAZINE <3.1 CHLORDANE < 0.25 < 0.21 CHLOROBENZENE **BIS-2ETHYLHEXYL PHTHALATE** < 0.10 A-ENDOSULFAN BUTYL BENZYL PHTHALATE < 0.25 < 0.42 < 0.10 **B-ENDOSULFAN** DIBROMOCHLOROMETHANE **ENDOSULFAN SULFATE** < 0.56 DI-N-BUTYL PHTHALATE 5.43 < 0.10 CHLOROETHANE < 0.25 < 0.26 DI-N-OCTYL PHTHALATE < 0.57 **BIS-2CHLOROETHYL ETHER ENDRIN** < 0.19 < 0.53 **ENDRIN ALDEHYDE** < 0.37 PYRENE **BIS-2CHLOROETHOXY METHANE** 0.07 SELENIUM < 0.10 ETHYLBENZENE < 0.10 2-CHLOROETHYL VINYL ETHER < 0.73 < 0.30 **FLUORENE** < 0.19 SILVER 4-CHLORO-3-METHYL PHENOL < 0.22 < 0.10 < 0.40 **FLUORANTHENE** CHLOROMETHANE 1,1,2,2-TETRACHLOROETHENE < 0.19 **TETRACHLOROETHYLENE** < 0.10 < 0.10 **HEPTACHLOR** CHLOROFORM < 0.22 THALLIUM 6.93 < 0.33 HEPTACHLOR EPOXIDE 2-CHLOROPHENOL < 0.10 < 0.57 **HEXACHLOROETHANE** < 0.16 TOLUENE BIS-2CHLOROISOPROPYL ETHER < 0.19 1,2,4 TRICHLOROBENZENE < 0.19 **HEXACHLOROBENZENE** < 0.19 2-CHLORONAPHTHALENE < 0.10 HEXACHLOROBUTADIENÉ < 0.09 1.1.1 TRICHLOROETHANE < 0.19 4-CHLOROPHENYL PHENYL ETHER 1,1,2 TRICHLOROETHANE < 0.10 18.89 LINDANE < 0.15 CHROMIUM (T) < 0.10 < 0.25 A-BHC < 0.35 TRICHLOROETHYLENE CHRYSENE < 0.27 2,4,6-TRICHLOROPHENOL COPPER 7.92 **B-BHC** < 0.42 < 0.10 CYANIDE 0.526 D-BHC < 0.31 VINYL CHLORIDE < 0.12 ZINC 38.89 4,4-DDT < 0.47 **HEXACHLOROCYCLOPENTADIENE** TOXAPHENE <8.7 < 0.37 < 0.56 4,4-DDE INDENO(1,2,3-CD)PYRENE < 0.28 ISOPHORONE < 0.22 4.4-DDD = DETECTED COMPOUND = NOT TESTED KEY: UG/G = PARTS PER MILLION

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(516) 291-2300 SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE #7

DESCRIPTION: SOIL SAMPLE- THIRD BASE 0-1 INCHES BELOW GRADE SAMPLE NO.: 7

JOB NO.: 96-625 CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

CONTABINANT	CONC.	CONTAMINANT	CONC. UG/G	CONTAMINANT	CONC UG/G
CONTAMINANT	UG/G		<0.25	LEAD	19.42
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.10	MERCURY	0.026
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NICKEL	11.78
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE		NITROBENZENE	<0.19
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	METHYLENE CHLORIDE	<0.10
ANTIMONY	35.13	1,1 DICHLOROETHANE	<0.10		<0.16
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.24
ARSENIC	1.12	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMQPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	_	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	4.12
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.2
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	< 0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	< 0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	< 0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE	<0.09	1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	22.34	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	< 0.35	TRICHLOROETHYLENE	<0.10
COPPER	6.92	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.264	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	36.65
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		
KEY: UG/G = PARTS PER	Name and Address of the Owner, where the Owner, which is the	= DETECTED CO		D = NOT TESTE	n

123W/REPORT\96625.WK3

ENVIRONMENTAL SERVICES LABORATORY

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE #8

SAMPLE NO.: 8 DESCRIPTION: SOIL SAMPLE- 3 RD BASE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC.	CONTAMINANT	CONC.	CONTAMINANT	CONC UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	78.57
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.074
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	12.05
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	17.91	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.59	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	0.32	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.63	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	7.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	0.25
-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.4
-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	0.26	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.13	THALLIUM	3.41
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19		
-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,2,4 TRICHLOROBENZENE 1,1,1 TRICHLOROETHANE	<0.19
CHROMIUM (T)	33.56	LINDANE	<0.05	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.15	TRICHLOROETHYLENE	<0.10
OPPER	13.96	B-BHC	<0.42		<0.10
YANIDE	0.701	D-BHC	<0.42	2,4,6-TRICHLOROPHENOL VINYL CHLORIDE	<0.27
,4-DDT	<0.47			ZING	
,4-DDE	<0.56	HEXACHLOROCYCLOPENTADIENE	<0.12	TOXAPHENE	75.09
-,4-DDD	<0.28	INDENO(1,2,3-CD)PYRENE ISOPHORONE	<0.37	IOAAPHENE	<8.7
EY: UG/G = PARTS PER		= DETECTED CO	<0.22	D	

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FAX: (516) 291-5425

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 9

SAMPLE NO.: 9 DESCRIPTION: SOIL SAMPLE- 3 RD BASE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

	CONC.		CONC.	00174	CONC.
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	108.15
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.064
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	12.15
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	4.94	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.66	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENÉ	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2.6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	< 0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	< 0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	5.21
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.07
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	< 0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	< 0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	27.17	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	16.45	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	77.6
,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
	<0.28	ISOPHORONE	<0.22		

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 10

SAMPLE NO.: 10 DESCRIPTION: SOIL SAMPLE- HOME PLATE 0-1 INCH BELOW GRADE

(516) 291-2300

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.: 96-625

CONTAMINANT	CONC.	CONTAMINANT	CONC.	CONTAMINANT	CONC UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	10.19
ACENAPHTHYLENE	<0.15	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.77
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE		NITROBENZENE	<0.19
ANTIMONY	13.57	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10		<0.16
ARSENIC	1.58	1,1 DICHLOROETHENE	<0.10	2-NITROPHENOL 4-NITROPHENOL	<0.24
	<0.78	 	<0.10		
BENZO(A)ANTHRACENE		TNS-1,2-DICHLOROETHENE		4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3₺0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2:2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	< 0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	< 0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.99
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.53
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	< 0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	25.09	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
OPPER	6.41	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.10
YANIDE	0.264	D-BHC	<0.42	VINYL CHLORIDE	<0.10
,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	43.41
4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.12	TOXAPHENE	<8.7
4-DDD	<0.28	ISOPHORONE	<0.22	TOWAFFIENE	~0.1
KEY: UG/G = PARTS PER N		= DETECTED CO			

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UMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 11 - A

SAMPLE NO.: 11 DESCRIPTION: SOIL SAMPLE- HOME PLATE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

	CONC.	CONTAINMANT	CONC.	CONTANINANT	CON
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/0
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	7.1
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.016
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	24.1
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.24	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.8	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.2
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
RENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
ENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
*ERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
ROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	< 0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.30
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	< 0.25
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.74
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.86
I-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	<0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	< 0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.92
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1.2.4 TRICHLOROBENZENE	<0.19
-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	19.54	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
OPPER	13.92	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
/ANIDE	0.176	D-BHC	<0.42	VINYL CHLORIDE	<0.10
4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	55.15
-DDE	<0.56		<0.12	TOXAPHENE	<8.7
,4-DDD	<0.28	INDENO(1,2,3-CD)PYRENE ISOPHORONE	<0.22	TOXAFFILIAL	\0.1

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SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 11 - B

SAMPLE NO.: 11 (DUP) DESCRIPTION: SOIL SAMPLE- HOME PLATE 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

	CONC.		CONC.		CONC
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	11.73
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.044
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.65
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE		NITROBENZENE	<0.19
ANTIMONY	17.891	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.91	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	< 0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	₹2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	_	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	15.02
SIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
IS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.33
-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
HLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
HLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
S-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.10
CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.19
HROMIUM	21.64	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
HRYSENE	<0.25	A-BHC	<0.15	TRICHLOROETHYLENE	<0.10
OPPER	6.91	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.10
YANIDE	0.176	D-BHC	<0.42	VINYL CHLORIDE	<0.10
4-DDT	<0.47		<0.12	ZINC	
4-DDE	<0.56	HEXACHLOROCYCLOPENTADIENE		TOXAPHENE	40.79
4-DDD	<0.28	INDENO(1,2,3-CD)PYRENE ISOPHORONE	<0.37	TOMPHENE	<8.7
EY: UG/G = PARTS PER N		ISOPHORONE	-0.22		

ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 12

SAMPLE NO.: 12

DESCRIPTION: SOIL SAMPLE- HOME PLATE 3-6 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC UG/G	The state of the s	CONC		COV
ACENAPHTHENE	<0.19		UG/G		UG
ACENAPHTHYLENE	<0.15		<0.25		10.1
ACROLEIN	<0.20	1,2 DICHLOROBENZENE			0.01
ACRYLONITRILE	<0.22	1,3 DICHLOROBENZENE			<0.1
ALDRIN	<0.19	1,4 DICHLOROBENZENE			10.2
ANTIMONY	9.26	3,3 DICHLOROBENZIDIN			<0.1
ANTHRACENE		1,1 DICHLOROETHANE	<0.10	THE STILL OF THE STATE OF THE S	<0.1
ARSENIC	0.31	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.3
BENZO(A)ANTHRACENE	4.08	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	< 0.2
BENZENE		TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.2
BENZIDINE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.2
BENZO(A)PYRENE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
	0.70	1,2 DICHLOROPROPANE		N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	0.72	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE		2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER		2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.15
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	6.42
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALAT	E 1.57
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	73.93
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	< 0.37	PYRENE	<0.25
-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.25
-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.330
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.73
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	<0.10
S-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	0.40	TOLUENE	6.93
CHLORONAPHTHALENE	0.28	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.10
CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE			11377
HROMIUM (T)	16.84	LINDANE	<0.15	1,1,1 TRICHLOROETHANE	<0.10
HRYSENE	0.53	A-BHC	<0.15	1,1,2 TRICHLOROETHANE	<0.10
OPPER		B-BHC	<0.42	TRICHLOROETHYLENE	<0.10
YANIDE		D-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
4-DDT			<0.12	VINYL CHLORIDE	<0.10
4-DDE		11.15		ZINC	36.82
4-DDD	<0.28	CODUCEDANIE	<0.37	TOXAPHENE	<8.7
Y: UG/G = PARTS PER M	ILLION	= DETECTED CO	<0.22		

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(516) 291-2300 SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 13

SAMPLE NO.: 13 DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 0-1 INCH BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

CONTAMINANT	CONC. UG/G CONTAMINANT		CONC. UG/G	CONTAMINANT	CONC.
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.26
ACENAPHTHYLENE	<0.35			MERCURY	0.026
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	11.39
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.25	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	0.22	1.2 DICHLOROETHANE	<0.10	2-NITROPHENOL	< 0.36
ARSENIC	1.71	1.1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1.2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	1.49
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3,0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2,2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.22	DIETHYL PHTHALATE	2.00	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	0.64	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.52	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)		PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	< 0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	3.80
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	1.00
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	48.80
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.87
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.93
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	23.0	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	5.4	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	3.26
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	32.75
4,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	<0.22		
KEY: UG/G = PARTS PER		= DETECTED C		D = NOT TESTE	D

ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-5425

UMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 14 - A

SAMPLE NO.: 14 DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y. JOB NO.:96-625

	CONC.		CONC.		CONC
CONTAMINANT	UG/G	CONTAMINANT	UG/G	CONTAMINANT	UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	13.24
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE <		MERCURY	0.035
ACROLEIN	<0.20	1,3 DICHLOROBENZENE <		NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.63
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE <		NITROBENZENE	<0.19
ANTIMONY	30.75	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.86	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENÉ	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
JENZO(G,H,I)PERYLENE	<0.41	2.4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
RERYLLIUM	1.22	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
ROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.30	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)		PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	<0.25
DIBROMOCHLOROMETHANE	<0.10			BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.42	DI-N-BUTYL PHTHALATE	<0.25
BIS-2CHLOROETHYL ETHER	<0.10	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.660
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.730
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.13	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.10	HEPTACHLOR EPOXIDE	<0.19	THALLIUM	6.92
	<0.57		CANDO ANNO	TOLUENE	<0.10
BIS-2CHLOROISOPROPYL ETHER		HEXACHLOROETHANE	<0.16		
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	22.28	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	5.98	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
YANIDE	0.526	D-BHC	<0.31	VINYL CHLORIDE	<0.10
4.4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	32.71
4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
4,4-DDD	<0.28	ISOPHORONE	< 0.22		

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ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

FAX: (516) 291-5425

JOB NO.: 96-625

SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 14 - B

SAMPLE NO.: 14 (DUP) DESCRIPTION: SOIL SAMPLE- PITCHERS MOUND 1-3 INCHES BELOW GRADE

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

CONTAMINANT	CONC.	CONTAMINANT	CONC.	CONTAMINANT	CONC UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE	<0.25	LEAD	8.66
ACENAPHTHYLENE	<0.35	1,2 DICHLOROBENZENE	<0.10	MERCURY	0.054
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	13.68
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	9.27	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	1.68	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
BENZO(G,H,I)PERYLENE	<0.41	2,4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMOPHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.41	2.4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)		PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.27
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	
CHLOROETHANE	<0.10	ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	6.25
BIS-2CHLOROETHYL ETHER	<0.57	ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	<0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	<0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.40
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.94
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.10	1,2,4 TRICHLOROBENZENE	<0.10
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.19
CHROMIUM (T)	32.14	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.15	TRICHLOROETHYLENE	<0.10
COPPER	6.42	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.10
CYANIDE	0.26	D-BHC	<0.42	VINYL CHLORIDE	<0.10
4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	33.88
4-DDE	<0.56			TOXAPHENE	<8.7
4-DDD	<0.28	INDENO(1,2,3-CD)PYRENE ISOPHORONE	<0.37	TOMPHENE	₹0.7
(EY: UG/G = PARTS PER M		= DETECTED CO		D - = NOT TESTE	

ENVIRONMENTAL SERVICES LABORATORY

181 South Franklin Avenue, Suite 305 Valley Stream, N.Y. 11581

516) 291-2300 SUMMARY OF PRIORITY POLLUTANT ANALYSES (SOLID MATRIX)

TABLE # 15

SAMPLE NO.:	15	DESCRIPTION:	SOIL SAMPLE- PITCHERS MOUND 3-6 INCHES BELOW GRADE
Of avii EL 110.			

CLIENT: U.S.C.G.S. WILLETS POINT, FORT TOTTEN, N.Y.

JOB NO.: 96-625

	CONC.		CONC.		CONC
CONTAMINANT	UG/G	CONTAMINANT	UG/G <0.25	CONTAMINANT	UG/G
ACENAPHTHENE	<0.19	DIBENZO(A,H)ANTHRACENE		LEAD	8.650
ACENAPHTHYLENE	<0.35			MERCURY	0.007
ACROLEIN	<0.20	1,3 DICHLOROBENZENE	<0.10	NAPHTHALENE	<0.16
ACRYLONITRILE	<0.22	1,4 DICHLOROBENZENE	<0.10	NICKEL	10.27
ALDRIN	<0.19	3,3 DICHLOROBENZIDINE	<1.65	NITROBENZENE	<0.19
ANTIMONY	26.5	1,1 DICHLOROETHANE	<0.10	METHYLENE CHLORIDE	<0.10
ANTHRACENE	<0.19	1,2 DICHLOROETHANE	<0.10	2-NITROPHENOL	<0.36
ARSENIC	2.11	1,1 DICHLOROETHENE	<0.10	4-NITROPHENOL	<0.24
BENZO(A)ANTHRACENE	<0.78	TNS-1,2-DICHLOROETHENE	<0.10	4,6-DINITRO-2-METHYLPHENOL	<0.24
BENZENE	<0.10	DICHLOROBROMOMETHANE	<0.10	N-NITROSODIMETHYLAMINE	<0.21
BENZIDINE	<4.4	2,4 DICHLOROPHENOL	<0.27	N-NITROSODIPHENYLAMINE	<0.19
BENZO(A)PYRENE	<0.25	1,2 DICHLOROPROPANE	<0.10	N-NITROSODIPROPYLAMINE	<3.0
BENZO(B)FLUORANTHENE	<0.48	1,3 DICHLOROPROPENE	<0.10	PCB 1242	<2.2
BENZO(K)FLUORANTHENE	<0.25	DIELDRIN	<0.25	PCB 1254	<3.0
3ENZO(G,H,I)PERYLENE	<0.41	2.4 DIMETHYLPHENOL	<0.27	PCB 1221	<1.7
BERYLLIUM	1.05	DIETHYL PHTHALATE	<0.22	PCB 1232	<3.5
BROMOFORM	<0.10	DIMETHYL PHTHALATE	<0.16	PCB 1248	<1.7
BROMOMETHANE	<0.10	2,4 DINITROTOLUENE	<0.57	PCB 1260	<2.5
4-BROMORHENYL PHENYL ETHER	<0.19	2,6 DINITROTOLUENE	<0.19	PCB 1016	<2.5
CADMIUM	0.30	2,4 DINITROPHENOL	<0.42	PHENOL	<0.15
CARBON TETRACHLORIDE	<0.10	DIOXIN(2,3,7,8-TCDD)	-	PENTACHLOROPHENOL	<0.36
CHLORDANE	<4.69	1,2 DIPHENYLHYDRAZINE	<3.1	PHENANTHRENE	<0.54
CHLOROBENZENE	<0.10	A-ENDOSULFAN	<0.21	BIS-2ETHYLHEXYL PHTHALATE	0.62
DIBROMOCHLOROMETHANE	<0.10	B-ENDOSULFAN	<0.42	BUTYL BENZYL PHTHALATE	<0.25
HLOROETHANE <0.10		ENDOSULFAN SULFATE	<0.56	DI-N-BUTYL PHTHALATE	5.84
BIS-2CHLOROETHYL ETHER <0.57		ENDRIN	<0.26	DI-N-OCTYL PHTHALATE	< 0.25
BIS-2CHLOROETHOXY METHANE	<0.53	ENDRIN ALDEHYDE	< 0.37	PYRENE	<0.19
2-CHLOROETHYL VINYL ETHER	<0.10	ETHYLBENZENE	<0.10	SELENIUM	0.930
4-CHLORO-3-METHYL PHENOL	<0.30	FLUORENE	<0.19	SILVER	0.73
CHLOROMETHANE	<0.40	FLUORANTHENE	<0.22	1,1,2,2-TETRACHLOROETHENE	<0.10
CHLOROFORM	<0.10	HEPTACHLOR	<0.19	TETRACHLOROETHYLENE	<0.10
2-CHLOROPHENOL	<0.33	HEPTACHLOR EPOXIDE	<0.22	THALLIUM	6.930
BIS-2CHLOROISOPROPYL ETHER	<0.57	HEXACHLOROETHANE	<0.16	TOLUENE	<0.10
2-CHLORONAPHTHALENE	<0.19	HEXACHLOROBENZENE	<0.19	1,2,4 TRICHLOROBENZENE	<0.19
4-CHLOROPHENYL PHENYL ETHER	<0.19	HEXACHLOROBUTADIENE		1,1,1 TRICHLOROETHANE	<0.10
CHROMIUM (T)	25.09	LINDANE	<0.15	1,1,2 TRICHLOROETHANE	<0.10
CHRYSENE	<0.25	A-BHC	<0.35	TRICHLOROETHYLENE	<0.10
COPPER	3.89	B-BHC	<0.42	2,4,6-TRICHLOROPHENOL	<0.27
CYANIDE	0.176	D-BHC	<0.31	VINYL CHLORIDE	<0.10
1,4-DDT	<0.47	HEXACHLOROCYCLOPENTADIENE	<0.12	ZINC	33.70
,4-DDE	<0.56	INDENO(1,2,3-CD)PYRENE	<0.37	TOXAPHENE	<8.7
1,4-DDD	<0.28	ISOPHORONE	<0.22		

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