APPENDIX I

ANALYTICAL RESULTS

APPENDIX I.1	SOIL
APPENDIX I.2	GROUNDWATER
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APPENDIX I.1

SOIL

TABLE I.1-1

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 1985
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L-1*	*L-2*	*L-3*	*L-4*	*L-5*
Sample ID:		*L-1*	*L-2*	*L-3*	*L-4*	*L-5*
Sample Date:		*08/20/1985*	*08/20/1985*	*08/20/1985*	*08/20/1985*	*08/20/1985*
Sample Depth:		*[6-8]*	*[6.5-7]*	*[10-12]*	*[12-15]*	*[14-14.5]*
Parameter	***Units***					
TCL Volatiles						
1,2-Dichloroethane	mg/kg	26	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	mg/kg	5	4	1U	1U	1U
Acetone	mg/kg	3	1U	1U	1U	1U
Toluene	mg/kg	2	4	10	10	1U
Xylene (total)	mg/kg	4	32	1U	1U	1U
TCL Semi-Volatiles						
2-Aminopyridine	mg/kg	1U	57	1U	1U	1U
2-Picoline	mg/kg	1U	1U	3.4	1U	1U
Aniline	mg/kg	1U	1U	2.9	1U	134
Total Pyridines	mg/kg	6.24	24.95	8.44	8.77	6.1
TAL Inorganics						
Antimony	mg/kg	10.39	8.46	14.68	4.71	10.81
Arsenic	mg/kg	21.71	17.34	13.79	22.86	19.22
Barium	mg/kg	24.42	16.92	72.27	7.54	18.99
Cadmium	mg/kg	0.3	0.21	1.47	0.1U	0.24
Copper	mg/kg	48.99	17.51	177.48	25.4	39.15
Cyanide (total)	mg/kg	0.99	6.52	15.39	0.42	0.18
Lead	mg/kg	21.12	16.79	43.66	9.05	8.15
Mercury	mg/kg	1.188	3.173	29.15	0.05U	0.09
Nickel	mg/kg	15.92	14.38	31.82	15.32	14.21
Selenium	mg/kg	1.93	1.94	2.67	2.69	2.49
Silver	mg/kg	0.2U	0.2U	0.2U	0.2U	0.2U
Sodium	mg/kg	176.32	856.59	952.38	261.55	174.15
Thallium	mg/kg	8.91	10.99	17.36	2U	4.98
Zinc	mg/kg	63.47	88.79	233.11	63.99	75.27
Wet Chemistry						
Calcium Carbonate	mg/kg	1241	2765	2467	2957	1060
Chloride	mg/kg	17	581	97	15	446
Sulfate	mg/kg	195	180	107	171	615
Total Organic Carbon (TOC)	mg/kg	39220	31209	68443	17012	15796

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*BH-1-91*	*BH-1-91*	*BH-1-91*	*BH-3-91*	*BH-4-91*	*BH-4-91*	*BH-5-91*	*BH-5-91*	*BH-5-91*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*
Sample ID:		*EH30*	*EH31*	*EH32*	*EH43*	*EH33*	*EH34*	*EH36*	*EH37*	*EH38*	*RF01*	*RF02*	*RF06*	*RF07*
Sample Date:		*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/27/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/28/1991*	*06/28/1991*
Sample Depth:		*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[4-8]*	*[0-2]*	*[8-10]*
Parameter	***Units***													
TCL Volatiles														
1,1,1-Trichloroethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,1-Dichloroethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,1-Dichloroethene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,2-Dichloroethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	7	6U	5U	5U	5U	5U
1,2-Dichloroethene (total)	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
1,2-Dichloropropane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	12U	12U	R	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
2-Hexanone	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Acetone	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Benzene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Bromodichloromethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Bromoform	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Bromomethane (Methyl Bromide)	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Carbon disulfide	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Carbon tetrachloride	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Chlorobenzene	µg/kg	6U	6U	22	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Chloroethane	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Chloroform (Trichloromethane)	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Chloromethane (Methyl Chloride)	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
cis-1,3-Dichloropropene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Dibromochloromethane	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Ethylbenzene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Methylene chloride	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Styrene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Tetrachloroethene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Toluene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
trans-1,3-Dichloropropene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Trichloroethene	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
Vinyl acetate	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Vinyl chloride	µg/kg	12U	12U	13U	11U	12U	13U	12U	11U	12U	11U	10U	11U	11U
Xylene (total)	µg/kg	6U	6U	7U	5U	6U	6U	6U	6U	6U	5U	5U	5U	5U
TCL Semi-Volatiles														
1,2,4-Trichlorobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
1,2-Dichlorobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
1,3-Dichlorobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
1,4-Dichlorobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2,4,5-Trichlorophenol	µg/kg	360U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
2,4,6-Trichlorophenol	µg/kg	1800U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2,4-Dichlorophenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2,4-Dimethylphenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*BH-1-91*	*BH-1-91*	*BH-1-91*	*BH-3-91*	*BH-4-91*	*BH-4-91*	*BH-5-91*	*BH-5-91*	*BH-5-91*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*
Sample ID:		*EH30*	*EH31*	*EH32*	*EH43*	*EH33*	*EH34*	*EH36*	*EH37*	*EH38*	*RF01*	*RF02*	*RF06*	*RF07*
Sample Date:		*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/27/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/28/1991*	*06/28/1991*
Sample Depth:		*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[4-8]*	*[0-2]*	*[8-10]*
Parameter	***Units***													
2,4-Dinitrophenol	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
2,4-Dinitrotoluene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2,6-Dinitrotoluene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Aminopyridine	µg/kg	360U	390J	3600	360U	370U	350U	370U	360U	150J	360U	340U	360U	2,100J
2-Chloronaphthalene	µg/kg	1800U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Chlorophenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Methylnaphthalene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Methylphenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Nitroaniline	µg/kg	360U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
2-Nitrophenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
2-Picoline	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
3,3'-Dichlorobenzidine	µg/kg	720U	790U	820U	720UJ	730U	700U	750U	720U	790U	720U	690U	720U	730U
3-Nitroaniline	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
4,6-Dinitro-2-methylphenol	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
4-Bromophenyl phenyl ether	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
4-Chloro-3-methylphenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
4-Chloroaniline	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
4-Chlorophenyl phenyl ether	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
4-Methylphenol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
4-Nitroaniline	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
4-Nitrophenol	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
Acenaphthene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Acenaphthylene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Anthracene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Benzo(a)anthracene	µg/kg	360U	400U	410U	360UJ	370U	350U	370U	360U	400U	360U	340U	360U	370U
Benzo(a)pyrene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Benzo(b)fluoranthene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Benzo(g,h,i)perylene	µg/kg	360UJ	400UJ	410UJ	360U	370UJ	350UJ	370UJ	360UJ	400UJ	360UJ	340UJ	360U	370U
Benzo(k)fluoranthene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Benzoic acid	µg/kg	1800U	2000U	2100U	1800UJ	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
Benzyl Alcohol	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
bis(2-Chloroethoxy)methane	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
bis(2-Chloroethyl)ether	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
bis(2-Ethylhexyl)phthalate	µg/kg	440	92J	93J	360UJ	63J	350U	50J	84J	63J	59J	99J	65J	58J
Butyl benzylphthalate	µg/kg	360U	400U	410U	360UJ	370U	350U	370U	360U	400U	360U	340U	360U	370U
Chrysene	µg/kg	360U	400U	410U	360UJ	370U	350U	370U	360U	400U	360U	340U	360U	370U
Dibenz(a,h)anthracene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Dibenzofuran	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Diethyl phthalate	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Dimethyl phthalate	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Di-n-butylphthalate	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Di-n-octyl phthalate	µg/kg	370	400U	410U	360U	370U	350U	370U	44J	400U	360U	340U	360U	370U
Fluoranthene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Fluorene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Hexachlorobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Hexachlorobutadiene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Hexachlorocyclopentadiene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*BH-1-91*	*BH-1-91*	*BH-1-91*	*BH-3-91*	*BH-4-91*	*BH-4-91*	*BH-5-91*	*BH-5-91*	*BH-5-91*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*
Sample ID:		*EH30*	*EH31*	*EH32*	*EH43*	*EH33*	*EH34*	*EH36*	*EH37*	*EH38*	*RF01*	*RF02*	*RF06*	*RF07*
Sample Date:		*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/27/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/28/1991*	*06/28/1991*
Sample Depth:		*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[4-8]*	*[0-2]*	*[8-10]*
Parameter	***Units***													
Hexachloroethane	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Indeno(1,2,3-cd)pyrene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Isophorone	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Naphthalene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Nitrobenzene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
N-Nitrosodi-n-propylamine	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
N-Nitrosodiphenylamine	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Pentachlorophenol	µg/kg	1800U	2000U	2100U	1800U	1800U	1800U	1900U	1800U	2000U	1800U	1700U	1800U	1800U
Phenanthrene	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Phenol	µg/kg	360U	350J	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
Pyrene	µg/kg	360U	400U	410U	360UJ	370U	350U	370U	360U	400U	360U	340U	360U	370U
Pyridine	µg/kg	360U	400U	410U	360U	370U	350U	370U	360U	400U	360U	340U	360U	370U
TCL Pesticides/PCBs														
4,4'-DDD	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
4,4'-DDE	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
4,4'-DDT	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
Aldrin	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
alpha-BHC	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
alpha-Chlordane	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1016 (PCB-1016)	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1221 (PCB-1221)	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1232 (PCB-1232)	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1242 (PCB-1242)	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1248 (PCB-1248)	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Aroclor-1254 (PCB-1254)	µg/kg	170U	170UJ	200U	170U	180U	170U	180U	170U	190U	170U	160U	170U	180U
Aroclor-1260 (PCB-1260)	µg/kg	170U	170UJ	200U	170U	180U	170U	180U	170U	190U	170U	160U	170U	180U
beta-BHC	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
delta-BHC	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
Dieldrin	µg/kg	17U	17UJ	20U	17U	18U	17U	9U	17U	19U	17U	16U	17U	18U
Endosulfan I	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
Endosulfan II	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
Endosulfan sulfate	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
Endrin	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
Endrin ketone	µg/kg	17U	17UJ	20U	17U	18U	17U	18U	17U	19U	17U	16U	17U	18U
gamma-BHC (Lindane)	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
gamma-Chlordane	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Heptachlor	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
Heptachlor epoxide	µg/kg	8.6U	8.5UJ	9.9U	8.7U	8.8U	8.4U	9U	8.6U	9.5U	8.6U	8.2U	8.7U	8.8U
Methoxychlor	µg/kg	86U	85UJ	99U	87U	88U	84U	90U	86U	95U	86U	82U	87U	88U
Toxaphene	µg/kg	170U	170UJ	200U	170U	180U	170U	180U	170U	190U	170U	160U	170U	180U
TAL Inorganics														
Aluminum	mg/kg	21,800	23,700	15,100	12,500	23,300	13,900	19,200	21,400	21,200	19,600	19,100	19,700	16,400
Antimony	mg/kg	6.6U	7.2U	7.5U	6.6U	6.7U	6.4U	6.8U	6.5U	7.2U	6.5U	6.3U	6.6U	6.7U
Arsenic	mg/kg	7.7	4.5U	7.5	6.1	4.8U	7.0	11.8	10.2S	7.9	7.8S	12.7	15.2S	12.1
Barium	mg/kg	65.2	51.9	44.6S	67.3	87.2	34.1S	102	64.9	72.9	53.4	47.1	68.5	38.6S

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*BH-1-91*	*BH-1-91*	*BH-1-91*	*BH-3-91*	*BH-4-91*	*BH-4-91*	*BH-5-91*	*BH-5-91*	*BH-5-91*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*
Sample ID:		*EH30*	*EH31*	*EH32*	*EH43*	*EH33*	*EH34*	*EH36*	*EH37*	*EH38*	*RF01*	*RF02*	*RF06*	*RF07*
Sample Date:		*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/27/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/28/1991*	*06/28/1991*
Sample Depth:		*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[0-2]*	*[4-6]*	*[8-10]*	*[0-2]*	*[4-8]*	*[0-2]*	*[8-10]*
Parameter	***Units***													
Beryllium	mg/kg	1.0S	0.88S	0.8S	0.72S	0.81S	0.61S	0.85S	1.0S	1.1S	0.95S	0.91S	0.83S	0.73S
Cadmium	mg/kg	3.7	4.2	3.9	3.4	3.6	2.7	3.0	3.8	3.5	3.6	3.8	2.6	3.2
Calcium	mg/kg	858S	643S	1,060S	946S	307S	572S	3,030	896S	1,900	859S	1,930	530S	776S
Chromium Total	mg/kg	30.0	30.2	22.0	18.4	26.9	21.1	22.9	30.8	32.3	30.6	31.1	23.2	25.3
Cobalt	mg/kg	14.4	17.6	12.3S	12.2	14.6	10.3S	8.6U	16.0	17.3	13.8	17.6	11.1	15.3
Copper	mg/kg	41.3	43.6	35.6	50.3	22.2	34.3	32.5	45.5	53.4	43.8	44.3	25.4	33.5
Cyanide (total)	mg/kg	1.1U	2.9	1.2U	1.1U	1.1U	1U	1.1U	1.1U	1.2U	1.1U	1U	1.9U	1.1U
Iron	mg/kg	36,300	35,500	29,800	27,600	31,900	27,300	23,700	42,400	41,600	38,500	37,900	29,700	33,800
Lead	mg/kg	29.1	9.5	16.7	202.0	21.0	9.9	19.2	25.0	12.5	20.6	25.9	26.3	20.4
Magnesium	mg/kg	8,280	7,400	6,250	4,840	6,440	5,810	4,720	10,200	7,890	8,950	9,960	6,030	7,720
Manganese	mg/kg	1,230	872	976	995	646	668	1,670	816	1,260	1,240	972	1,030	713
Mercury	mg/kg	0.1U	0.24	0.14	0.09U	0.12U	0.09U	0.09U	0.12U	0.08U	0.1U	0.11U	0.12U	0.11U
Nickel	mg/kg	37.1	38.6	32.0	27.1	28.2	28.3	27.9	44.9	43.7	40.1	39.9	30.3	33.8
Potassium	mg/kg	1,820	1,870	1,580	1,280	1,100	1,150	1,190	1,740	2,090	1,680	1,920	1,360	1,330
Selenium	mg/kg	0.04UJ	0.05UJ	0.05UJ	0.89U	0.1UJ	0.04U	0.04UJ	0.04UJ	0.05UJ	0.25U	0.16U	0.04UJ	0.04UJ
Silver	mg/kg	0.91U	1U	1U	0.92U	0.92U	0.88U	0.94U	0.9U	1U	0.9U	0.87U	0.91U	0.93U
Sodium	mg/kg	122S	970S	449S	57.7S	98.4S	82.6S	122S	149S	567S	131S	137	56.5S	211S
Thallium	mg/kg	0.32UJ	0.36UJ	0.37U	0.35U	0.33U	0.31U	0.34UJ	0.32U	0.36U	0.32U	0.31U	0.33UJ	0.33U
Vanadium	mg/kg	30.9	33.2	25.3	19.8	33.7	20.5	26.8	34.2	34.4	30.2	30.0	28.3	25.9
Zinc	mg/kg	101.0	92.3	92.6	594	86.3	91.9	94.4	125	136	113	101	97.8	90.1
Wet Chemistry														
pH	S.U.	5.7	6.0	8.5	6.2	9.2	5.8	5.7	5.8	6.2	5.9	6.3	5.8	8.6
Total Solids	%	92.5	83.8	81.1	91.5	91.1	95.3	89.3	93.0	84.0	93.0	96.8	92.0	90.5
Petroleum hydrocarbons	mg/kg	6.6	5U	5U	5U	5U	5U	5U	5U	10.6	5U	5U	9.7	5U

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-4D-91*	*MW-4D-91*	*MW-4D-91*
Sample ID:		*RF08*	*EH39*	*EH40*	*EH41*	*EH42*	*RF03*	*RF04*	*RF05*
Sample Date:		*06/28/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/26/1991*	*06/26/1991*	*06/26/1991*
Sample Depth:		*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[12-14]*	*[0-2]*	*[4-6]*	*[8-10]*
Parameter	***Units***								
TCL Volatiles									
1,1,1-Trichloroethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,1,2,2-Tetrachloroethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,1,2-Trichloroethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,1-Dichloroethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,1-Dichloroethene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,2-Dichloroethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,2-Dichloroethene (total)	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
1,2-Dichloropropane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
2-Hexanone	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
Acetone	µg/kg	19	11U	11U	11U	11U	11U	11U	12U
Benzene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Bromodichloromethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Bromoform	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Bromomethane (Methyl Bromide)	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
Carbon disulfide	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Carbon tetrachloride	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Chlorobenzene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Chloroethane	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
Chloroform (Trichloromethane)	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Chloromethane (Methyl Chloride)	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
cis-1,3-Dichloropropene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Dibromochloromethane	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Ethylbenzene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Methylene chloride	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Styrene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Tetrachloroethene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Toluene	µg/kg	5U	5U	5U	5U	6U	13	14	7
trans-1,3-Dichloropropene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Trichloroethene	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
Vinyl acetate	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
Vinyl chloride	µg/kg	11U	11U	11U	11U	11U	11U	11U	12U
Xylene (total)	µg/kg	5U	5U	5U	5U	6U	6U	5U	6U
TCL Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
1,2-Dichlorobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
1,3-Dichlorobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
1,4-Dichlorobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2,4,5-Trichlorophenol	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
2,4,6-Trichlorophenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2,4-Dichlorophenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2,4-Dimethylphenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-4D-91*	*MW-4D-91*	*MW-4D-91*
Sample ID:		*RF08*	*EH39*	*EH40*	*EH41*	*EH42*	*RF03*	*RF04*	*RF05*
Sample Date:		*06/28/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/26/1991*	*06/26/1991*	*06/26/1991*
Sample Depth:		*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[12-14]*	*[0-2]*	*[4-6]*	*[8-10]*
Parameter	***Units***								
2,4-Dinitrophenol	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
2,4-Dinitrotoluene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2,6-Dinitrotoluene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Aminopyridine	µg/kg	3,500J	360U	360U	370U	400J	350U	360U	390U
2-Chloronaphthalene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Chlorophenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Methylnaphthalene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Methylphenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Nitroaniline	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
2-Nitrophenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
2-Picoline	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
3,3'-Dichlorobenzidine	µg/kg	720U	720U	720U	740U	730U	710U	720U	780U
3-Nitroaniline	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
4,6-Dinitro-2-methylphenol	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
4-Bromophenyl phenyl ether	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
4-Chloro-3-methylphenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
4-Chloroaniline	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
4-Chlorophenyl phenyl ether	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
4-Methylphenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
4-Nitroaniline	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
4-Nitrophenol	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
Acenaphthene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Acenaphthylene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Anthracene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Benzo(a)anthracene	µg/kg	360U	360U	360U	370U	370U	62J	360U	390U
Benzo(a)pyrene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Benzo(b)fluoranthene	µg/kg	360U	360U	360U	370U	370U	120J	360U	390U
Benzo(g,h,i)perylene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Benzo(k)fluoranthene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Benzoic acid	µg/kg	1800U	1800U	1800U	1900U	1800U	1800UJ	1800UJ	2000UJ
Benzyl Alcohol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
bis(2-Chloroethoxy)methane	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
bis(2-Chloroethyl)ether	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
bis(2-Ethylhexyl)phthalate	µg/kg	360U	360U	360U	370U	370U	68J	61J	86J
Butyl benzylphthalate	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Chrysene	µg/kg	360U	360U	360U	370U	370U	110J	360U	390U
Dibenz(a,h)anthracene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Dibenzofuran	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Diethyl phthalate	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Dimethyl phthalate	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Di-n-butylphthalate	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Di-n-octyl phthalate	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Fluoranthene	µg/kg	360U	360U	360U	370U	370U	130J	360U	390U
Fluorene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Hexachlorobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Hexachlorobutadiene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Hexachlorocyclopentadiene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-4D-91*	*MW-4D-91*	*MW-4D-91*
Sample ID:		*RF08*	*EH39*	*EH40*	*EH41*	*EH42*	*RF03*	*RF04*	*RF05*
Sample Date:		*06/28/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/26/1991*	*06/26/1991*	*06/26/1991*
Sample Depth:		*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[12-14]*	*[0-2]*	*[4-6]*	*[8-10]*
Parameter	*Units*								
Hexachloroethane	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Indeno(1,2,3-cd)pyrene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Isophorone	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Naphthalene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Nitrobenzene	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
N-Nitrosodi-n-propylamine	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
N-Nitrosodiphenylamine	µg/kg	360U	360U	360U	370U	370U	44J	360U	390U
Pentachlorophenol	µg/kg	1800U	1800U	1800U	1900U	1800U	1800U	1800U	2000U
Phenanthrene	µg/kg	360U	360U	360U	370U	370U	43J	360U	390U
Phenol	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
Pyrene	µg/kg	360U	360U	360U	370U	370U	120J	360U	390U
Pyridine	µg/kg	360U	360U	360U	370U	370U	350U	360U	390U
TCL Pesticides/PCBs									
4,4'-DDD	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
4,4'-DDE	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
4,4'-DDT	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
Aldrin	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
alpha-BHC	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
alpha-Chlordane	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1016 (PCB-1016)	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1221 (PCB-1221)	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1232 (PCB-1232)	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1242 (PCB-1242)	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1248 (PCB-1248)	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Aroclor-1254 (PCB-1254)	µg/kg	170U	170U	170U	180U	180U	170U	170U	190U
Aroclor-1260 (PCB-1260)	µg/kg	170U	170U	170U	180U	180U	170U	170U	190U
beta-BHC	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
delta-BHC	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
Dieldrin	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
Endosulfan I	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
Endosulfan II	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
Endosulfan sulfate	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
Endrin	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
Endrin ketone	µg/kg	17U	17U	17U	18U	18U	17U	17U	19U
gamma-BHC (Lindane)	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
gamma-Chlordane	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Heptachlor	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
Heptachlor epoxide	µg/kg	8.7U	8.7U	8.6U	8.9U	8.8U	8.5U	8.6U	9.4U
Methoxychlor	µg/kg	87U	87U	86U	89U	88U	85U	86U	94U
Toxaphene	µg/kg	170U	170U	170U	180U	180U	170U	170U	190U
TAL Inorganics									
Aluminum	mg/kg	20,000	17,500	15,600	12,200	14,600	16,200	13,500	10,700
Antimony	mg/kg	10.5U	6.6U	12.5S	6.7U	9.6U	6.5U	6.5U	7.1U
Arsenic	mg/kg	8.1	6.5	8.3	9.0J	7.5J	8.6	7.4	10.2
Barium	mg/kg	47.5	39.7S	34.0S	30.2S	31.2S	43.0	47.5	34.5S

TABLE I.1-2

ANALYTICAL RESULTS SUMMARY
BOREHOLE AND MONITORING WELL SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-2D-91*	*MW-4D-91*	*MW-4D-91*	*MW-4D-91*
Sample ID:		*RF08*	*EH39*	*EH40*	*EH41*	*EH42*	*RF03*	*RF04*	*RF05*
Sample Date:		*06/28/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/25/1991*	*06/26/1991*	*06/26/1991*	*06/26/1991*
Sample Depth:		*[8-10]*	*[0-2]*	*[0-2]*	*[4-6]*	*[12-14]*	*[0-2]*	*[4-6]*	*[8-10]*
Parameter	***Units***								
Beryllium	mg/kg	0.95S	0.72S	0.62S	0.53S	0.77S	0.58S	0.67S	0.49S
Cadmium	mg/kg	4.3	3.3	2.1	2.5	3.0	2.6	3.3	2.3
Calcium	mg/kg	989S	300S	202S	354S	2,140	109S	1310	1600
Chromium Total	mg/kg	29.7	24.3	19.8	19.5	24.0	22.7	19.3	18.1
Cobalt	mg/kg	19.0	15.3	11.6	10.8S	13.4	12.6	13.0	9.2U
Copper	mg/kg	47.1	38.9	34.0	30.0	35.0	39.5	33.2	28.5
Cyanide (total)	mg/kg	1.1U	1.1U	1.1U	1.1U	3.3	1.1U	1.1	1.2U
Iron	mg/kg	39,700	32,200	28,300	24,100	31,400	30,400	27,800	23,500
Lead	mg/kg	24.8	23.4	16.5	24.8	18.0	36.4	20.1	26.0
Magnesium	mg/kg	9,640	7,270	6,220	5,270	7,580	6,510	5,900	4,610
Manganese	mg/kg	1,170	908	639	391	1,120	774	952	779
Mercury	mg/kg	0.13U	0.11U	0.1U	0.20	0.11U	0.08U	0.11U	0.11U
Nickel	mg/kg	41.4	31.8	25.8	22.5	36.6	27.6	30.4	25.5
Potassium	mg/kg	1,680	1,380	1,260	1,310	1,580	1,340	1,520	1,210
Selenium	mg/kg	0.04UJ	0.16UJ	0.12UJ	0.13UJ	0.07UJ	1.2U	0.04UJ	0.05UJ
Silver	mg/kg	0.91U	0.91U	0.9U	0.93U	0.93U	0.09U	0.9U	0.99U
Sodium	mg/kg	258S	59.4S	82.0S	98.0S	1,310	64.3S	58.6S	57.0S
Thallium	mg/kg	0.33UJ	0.82U	0.65U	0.44U	0.44U	0.34U	0.32UJ	0.35UJ
Vanadium	mg/kg	31.5	26.5	23.4	18.8	24.7	24.7	21.2	18.4
Zinc	mg/kg	120.0	91.6	81.6	76.2	88.3	75.9	82.3	72.0
Wet Chemistry									
pH	S.U.	8.3	5.5	6.0	5.5	9.6	5.5	6.3	6.4
Total Solids	%	92.2	92.3	93.0	90.4	90.6	93.5	92.9	85.0
Petroleum hydrocarbons	mg/kg	5.8	21.1	27.6	9.8	8.9	5U	5U	5U

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-3

ANALYTICAL RESULTS SUMMARY
TEST PIT SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-2*	*TP-2*	*TP-4*	*TP-6*	*TP-11A*	*TP-12*	*TP-15*	*TP-20andTP-29*	*TP-22andTP-26*	*TP-23andTP-24*	*TP-28*	*TP-41*	*TP-46*	*TP-46*
Sample ID:		*WWTP11*	*WWTP12*	*WWTP10*	*WWTP9*	*WWTP8*	*WWTP7*	*WWTP6*	*WWTP3*	*WWTP4*	*WWTP5*	*WWTP2*	*WWTP1*	*EFTP13*	*EFTP14*
Sample Date:		*07/12/1991*	*07/12/1991*	*07/11/1991*	*07/10/1991*	*07/09/1991*	*07/08/1991*	*07/08/1991*	*07/01/1991*	*07/02/1991*	*07/03/1991*	*06/28/1991*	*06/26/1991*	*12/04/1991*	*12/04/1991*
Sample Depth:		*[5-7]*	*[5-7]*	*[5-6]*	*[4-6]*	*[1-3]*	*[3-8]*	*[3-3]*	*[5-7]*	*[6-7]*	*[5-7]*	*[3.5-3.5]*	*[1-1]*	*[2-8]*	*[2-8]*
			Duplicate												*Duplicate*
Parameter	***Units***														
TCL Volatiles															
1,1,1-Trichloroethane	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,1,2,2-Tetrachloroethane	µg/kg	6U	6U	5U	6U	25U	11U	6U	22U	6U	6U	7UJ	6UJ	13U	25U
1,1,2-Trichloroethane	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,1-Dichloroethane	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,1-Dichloroethene	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,2-Dichloroethane	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,2-Dichloroethene (total)	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
1,2-Dichloropropane	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	12U	12U	11U	30	50UJ	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
2-Hexanone	µg/kg	12U	12U	11U	12U	50U	23U	12UJ	45U	11U	12U	14UJ	11UJ	27U	50U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	12U	12U	11U	12U	840	23U	12U	45U	11U	12U	14U	11UJ	27U	50U
Acetone	µg/kg	43J	56	55	240	300J	450	110J	160	11U	63	210	11UJ	91	110
Benzene	µg/kg	6U	6U	5U	6U	210	120	160J	22U	6U	6U	7U	6UJ	330JD	300
Bromodichloromethane	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Bromoform	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Bromomethane (Methyl Bromide)	µg/kg	12U	12U	11U	12U	50UJ	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
Carbon disulfide	µg/kg	2J	6U	11	6U	25UJ	19	8J	22U	6U	6U	6J	6UJ	8J	25U
Carbon tetrachloride	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Chlorobenzene	µg/kg	77	72	760	18	32	32	640	58	6U	6U	8J	6UJ	97	190
Chloroethane	µg/kg	12U	12U	11U	12U	50UJ	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
Chloroform (Trichloromethane)	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Chloromethane (Methyl Chloride)	µg/kg	12U	12U	11U	12U	50UJ	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
cis-1,3-Dichloropropene	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Dibromochloromethane	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Ethylbenzene	µg/kg	6U	6U	24	6U	4,000	500J	610J	130	6U	6U	7UJ	6UJ	890D	1,900
Methylene chloride	µg/kg	6U	6U	5U	6U	25UJ	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Styrene	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7UJ	6UJ	13U	25U
Tetrachloroethene	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7UJ	6UJ	13U	25U
Toluene	µg/kg	160J	330	2,200	410	26,000	1,200	1,100	63	120	25	74J	1,800J	1,000D	990
trans-1,3-Dichloropropene	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Trichloroethene	µg/kg	6U	6U	5U	6U	25U	11U	6UJ	22U	6U	6U	7U	6UJ	13U	25U
Vinyl acetate	µg/kg	12U	12U	11U	12U	50U	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
Vinyl chloride	µg/kg	12U	12U	11U	12U	50UJ	23U	12UJ	45U	11U	12U	14U	11UJ	27U	50U
Xylene (total)	µg/kg	7	6U	920	78	4,500	2,400	810	1,200	6U	6U	580J	6UJ	3,800D	7,700
TCL Semi-Volatiles															
1,2,4-Trichlorobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
1,2-Dichlorobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
1,3-Dichlorobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
1,4-Dichlorobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2,4,5-Trichlorophenol	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U
2,4,6-Trichlorophenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2,4-Dichlorophenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2,4-Dimethylphenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2,4-Dinitrophenol	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U

TABLE I.1-3

ANALYTICAL RESULTS SUMMARY
TEST PIT SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-2*	*TP-2*	*TP-4*	*TP-6*	*TP-11A*	*TP-12*	*TP-15*	*TP-20andTP-29*	*TP-22andTP-26*	*TP-23andTP-24*	*TP-28*	*TP-41*	*TP-46*	*TP-46*
Sample ID:		*WWTP11*	*WWTP12*	*WWTP10*	*WWTP9*	*WWTP8*	*WWTP7*	*WWTP6*	*WWTP3*	*WWTP4*	*WWTP5*	*WWTP2*	*WWTP1*	*EFTP13*	*EFTP14*
Sample Date:		*07/12/1991*	*07/12/1991*	*07/11/1991*	*07/10/1991*	*07/09/1991*	*07/08/1991*	*07/08/1991*	*07/01/1991*	*07/02/1991*	*07/03/1991*	*06/28/1991*	*06/26/1991*	*12/04/1991*	*12/04/1991*
Sample Depth:		*[5-7]*	*[5-7]*	*[5-6]*	*[4-6]*	*[1-3]*	*[3-8]*	*[3-3]*	*[5-7]*	*[6-7]*	*[5-7]*	*[3.5-3.5]*	*[1-1]*	*[2-8]*	*[2-8]*
			Duplicate												*Duplicate*
Parameter	***Units***														
2,4-Dinitrotoluene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2,6-Dinitrotoluene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2-Aminopyridine	µg/kg	350J	470J	570J	720	R	260J	140J	260J	4,700J	400U	5,800J	730U	240J	750
2-Chloronaphthalene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2-Chlorophenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2-Methylnaphthalene	µg/kg	390U	750U	720U	410U	R	66J	370U	360U	390U	400U	400U	730U	750U	730U
2-Methylphenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2-Nitroaniline	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U
2-Nitrophenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
2-Picoline	µg/kg	390U	750U	720U	410U	7,600J	89J	370U	360U	390U	400U	400U	730U	750U	730U
3,3'-Dichlorobenzidine	µg/kg	780U	1500U	1400U	810U	R	740U	750UJ	720U	780U	800U	790UJ	1500UJ	1500U	1500U
3-Nitroaniline	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U
4,6-Dinitro-2-methylphenol	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U
4-Bromophenyl phenyl ether	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
4-Chloro-3-methylphenol	µg/kg	390U	750U	720U	42J	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
4-Chloroaniline	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
4-Chlorophenyl phenyl ether	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
4-Methylphenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
4-Nitroaniline	µg/kg	1900U	3700U	3600U	2000U	7900U	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700U	3700U
4-Nitrophenol	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700UJ	3700U
Acenaphthene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Acenaphthylene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
Anthracene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Benzo(a)anthracene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Benzo(a)pyrene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Benzo(b)fluoranthene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Benzo(g,h,i)perylene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730U	750U	730U
Benzo(k)fluoranthene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Benzoic acid	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	4,400	3700U	3700U
Benzyl Alcohol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
bis(2-Chloroethoxy)methane	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
bis(2-Chloroethyl)ether	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
bis(2-Ethylhexyl)phthalate	µg/kg	390U	750U	800	410U	R	4,400	370UJ	360U	390U	69J	400UJ	920J	60,000J	730U
Butyl benzylphthalate	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Chrysene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Dibenz(a,h)anthracene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Dibenzofuran	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Diethyl phthalate	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Dimethyl phthalate	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Di-n-butylphthalate	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Di-n-octyl phthalate	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Fluoranthene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Fluorene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Hexachlorobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Hexachlorobutadiene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Hexachlorocyclopentadiene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Hexachloroethane	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Indeno(1,2,3-cd)pyrene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Isophorone	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Naphthalene	µg/kg	390U	750U	720U	410U	R	120J	370U	360U	390U	400U	400U	730U	750U	730U

TABLE I.1-3

ANALYTICAL RESULTS SUMMARY
TEST PIT SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-2*	*TP-2*	*TP-4*	*TP-6*	*TP-11A*	*TP-12*	*TP-15*	*TP-20andTP-29*	*TP-22andTP-26*	*TP-23andTP-24*	*TP-28*	*TP-41*	*TP-46*	*TP-46*
Sample ID:		*WWTP11*	*WWTP12*	*WWTP10*	*WWTP9*	*WWTP8*	*WWTP7*	*WWTP6*	*WWTP3*	*WWTP4*	*WWTP5*	*WWTP2*	*WWTP1*	*EFTP13*	*EFTP14*
Sample Date:		*07/12/1991*	*07/12/1991*	*07/11/1991*	*07/10/1991*	*07/09/1991*	*07/08/1991*	*07/08/1991*	*07/01/1991*	*07/02/1991*	*07/03/1991*	*06/28/1991*	*06/26/1991*	*12/04/1991*	*12/04/1991*
Sample Depth:		*[5-7]*	*[5-7]*	*[5-6]*	*[4-6]*	*[1-3]*	*[3-8]*	*[3-3]*	*[5-7]*	*[6-7]*	*[5-7]*	*[3.5-3.5]*	*[1-1]*	*[2-8]*	*[2-8]*
			Duplicate												*Duplicate*
Parameter	***Units***														
Nitrobenzene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
N-Nitrosodi-n-propylamine	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
N-Nitrosodiphenylamine	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Pentachlorophenol	µg/kg	1900U	3700U	3600U	2000U	R	1900U	1900U	1800U	1900U	2000U	2000U	3700U	3700UJ	3700U
Phenanthrene	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750U	730U
Phenol	µg/kg	390U	750U	720U	410U	R	370U	370U	360U	390U	400U	400U	730U	750UJ	730U
Pyrene	µg/kg	390U	750U	720U	410U	R	370U	370UJ	360U	390U	400U	400UJ	730UJ	750U	730U
Pyridine	µg/kg	390U	750U	720U	410U	3,300J	52J	370U	360U	390U	400U	400U	730U	750U	730U
TCL Pesticides/PCBs															
4,4'-DDD	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	30X	18U	18U	18U
4,4'-DDE	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	18U	18U	18U
4,4'-DDT	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	20X	18U	18U
Aldrin	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9.9	8.6U	9.3U	9.6U	9.5U	190J	8.9U	8.9U
alpha-BHC	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
alpha-Chlordane	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1016 (PCB-1016)	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1221 (PCB-1221)	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1232 (PCB-1232)	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1242 (PCB-1242)	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1248 (PCB-1248)	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Aroclor-1254 (PCB-1254)	µg/kg	190U	180U	170UJ	200U	780	180U	260	170U	190U	190U	210	9,200J	180U	180U
Aroclor-1260 (PCB-1260)	µg/kg	190U	180U	170UJ	200U	380U	180U	180U	170U	190U	190U	190U	180U	180U	180U
beta-BHC	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
delta-BHC	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
Dieldrin	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	37X	18U	18U
Endosulfan I	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
Endosulfan II	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	18U	18U	18U
Endosulfan sulfate	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	18U	18U	18U
Endrin	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	18U	18U	18U
Endrin ketone	µg/kg	19U	18U	17UJ	20U	38U	18U	18U	17U	19U	19U	19U	18U	18U	18U
gamma-BHC (Lindane)	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
gamma-Chlordane	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	88U	89U	89U
Heptachlor	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	8.8U	8.9U	8.9U
Heptachlor epoxide	µg/kg	9.3U	9U	8.7UJ	9.8U	19U	8.9U	9U	8.6U	9.3U	9.6U	9.5U	20X	8.9U	8.9U
Methoxychlor	µg/kg	93U	90U	87UJ	98U	190U	89U	90U	86U	93U	96U	95U	120	89U	89U
Toxaphene	µg/kg	190U	180U	170UJ	200U	380U	180U	180U	170U	190U	190U	190U	180U	180U	180U
TAL Inorganics															
Aluminum	mg/Kg	21,600	16,200	17,500	22,600	294,000	20,500	18,600	15,400	15,900	17,600	21,800	19,100	18,900	15,200
Antimony	mg/Kg	13.5S	6.8U	11.1S	9.4S	67.5	7.3S	8.0S	7.9S	10.8S	7.3UJ	7.2U	6.7U	6.3UJ	6.2U
Arsenic	mg/Kg	7.1J	9.6	6.8	7.3	87.5	12.5	7.6	7.8JS	6.8	13.3J	10.2	8.7JS	3.7UJ	3.7U
Barium	mg/Kg	64.6	46.3	73.8	74.8	10.8S	39.5S	48.3	44.7	49.7	39.7S	72.1	82.9	52.4	39.7
Beryllium	mg/Kg	1.0S	0.70S	0.84S	0.83S	0.76S	0.74S	0.88S	0.78S	0.82S	0.62S	1.0S	0.88S	0.65U	0.57U
Cadmium	mg/Kg	4.9	3.6	4.1	3.4	5.2	4.9	3.6	3.6	4.0	3.1	4.2	4.4	1.1U	1.0U
Calcium	mg/Kg	2,070	937S	1,950	925S	1,690S	1,110S	2,950	721S	1,550	494S	741S	2,020	509	1,080
Chromium Total	mg/Kg	32.2	24.1	27.6	27.1	9.6	40.8	26.0	23.8	22.6	20.5	50.0	49.2	24.7	21.0
Cobalt	mg/Kg	15.7	11.6	11.6	13.1	4.9S	11.7	14.1	11.1	14.9	9.0S	13.1	10.8S	13.8	12.4

TABLE I.1-3

ANALYTICAL RESULTS SUMMARY
TEST PIT SOIL SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-2*	*TP-2*	*TP-4*	*TP-6*	*TP-11A*	*TP-12*	*TP-15*	*TP-20andTP-29*	*TP-22andTP-26*	*TP-23andTP-24*	*TP-28*	*TP-41*	*TP-46*	*TP-46*
Sample ID:		*WWTP11*	*WWTP12*	*WWTP10*	*WWTP9*	*WWTP8*	*WWTP7*	*WWTP6*	*WWTP3*	*WWTP4*	*WWTP5*	*WWTP2*	*WWTP1*	*EFTP13*	*EFTP14*
Sample Date:		*07/12/1991*	*07/12/1991*	*07/11/1991*	*07/10/1991*	*07/09/1991*	*07/08/1991*	*07/08/1991*	*07/01/1991*	*07/02/1991*	*07/03/1991*	*06/28/1991*	*06/26/1991*	*12/04/1991*	*12/04/1991*
Sample Depth:		*[5-7]*	*[5-7]*	*[5-6]*	*[4-6]*	*[1-3]*	*[3-8]*	*[3-3]*	*[5-7]*	*[6-7]*	*[5-7]*	*[3.5-3.5]*	*[1-1]*	*[2-8]*	*[2-8]*
			Duplicate												*Duplicate*
Parameter	***Units***														
Copper	mg/Kg	46.3	34.0	85.2	20.6	26.4	85.0	44.0	53.5	40.7	18.6	176	82.7	32.4	33.3
Cyanide (total)	mg/Kg	54.8	18.1	2.2	6.1	2.4U	21.2	1.1U	1.1U	1.2	6.4	5.3	7.6	4.5	3.7
Iron	mg/Kg	38,500	28,100	33,900	28,600	3,980	40,200	33,900	29,800	30,700	25,300	34,400	42,400	30,600	27,900
Lead	mg/Kg	26.2J	11.9	20.4J	12.9J	4.6J	13.9J	16.3J	20.3	14.5	10.3	24.8	0.24U	11.1	11.4
Magnesium	mg/Kg	8,160	5,780	6,930	5,010	2,250S	9,490	7,530	6,960	6,170	5,240	6,990	8,710	6,990	6,230
Manganese	mg/Kg	2,470	986	1,260	1,100	181	479	927	741	1,430	1,170	981	308	839	759
Mercury	mg/Kg	0.11U	0.11U	0.32	0.14	0.74	1.1	0.1U	0.26	0.09	0.11U	7.9	6.9	0.17J	0.24
Nickel	mg/Kg	52.4	30.2	36.1	31.5	18.9S	38.1	36.8	31.6	41.0	29.2	36.5	40.9	32.1	29.9
Potassium	mg/Kg	2,840	2,110	2,660	1,410	514S	2,150	1,650	1,580	1,730	877JS	1,640	1,690	1,400	1,350
Selenium	mg/Kg	0.26JS	0.05U	0.04U	0.19JS	0.95U	0.04UJ	0.07S	0.04U	0.16JS	0.14S	0.05UJ	0.04U	0.40U	0.40U
Silver	mg/Kg	0.98U	0.95U	0.91U	1U	2U	0.94U	0.94U	0.91U	0.98U	1U	1U	0.93U	0.49U	0.49U
Sodium	mg/Kg	385S	287S	176S	329S	2,740	490S	233S	203S	201S	150S	137S	430S	224	309
Thallium	mg/Kg	0.35U	0.34U	1.5S	0.36U	0.71U	0.36S	0.36S	0.32U	0.35S	0.36U	0.36U	0.33JS	0.42U	0.75U
Vanadium	mg/Kg	32.5	25.7	29.1	33.1	204	39.4	26.8	23.6	26.9	25.6	31.5	35.4	24.2	20.6
Zinc	mg/Kg	105	75.2	104	78.4	42.9	105	91.0	91.8	92.0	60.5	176	123	86.9	73.4
Wet Chemistry															
pH	S.U.	8.3	8.6	7.3	7.4	6.6	8.0	6.7	7.3	7.5	7.3	6.6	7.0	8.2	7.4
Total Solids	%	85.7	88.6	92.4	82.3	42.3	89.6	89.0	92.6	85.8	83.3	84.0	90.5	89.4	90.7
Total Organic Carbon (TOC)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	1,470	--
Petroleum Hydrocarbons	mg/Kg	5U	5U	609	10.8	253	3,140	4,980	5U	8.3	13.9	31.3	300	689	253

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-4

ANALYTICAL RESULTS SUMMARY
CURTAIN DRAIN INVESTIGATION SOIL SAMPLING
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-49*	*TP-51*	*TP-51*	*TP-52*
Sample ID:		*S-3698-062995-EFF-041*	*S-3698-062995-EFF-043*	*S-3698-062995-EFF-044*	*S-3698-062995-EFF-045*
Sample Date:		*06/29/1995*	*06/29/1995*	*06/29/1995*	*06/29/1995*
Depth		*[-]*	*[-]*	*[-]*	*[-]*
				Duplicate	
Parameter	***Units***				
TCL Volatiles					
1,1,1-Trichloroethane	µg/kg	12U	12U	12U	12U
1,1,2,2-Tetrachloroethane	µg/kg	12U	12U	12U	12U
1,1,2-Trichloroethane	µg/kg	12U	12U	12U	12U
1,1-Dichloroethane	µg/kg	12U	12U	12U	12U
1,1-Dichloroethene	µg/kg	12U	12U	12U	12U
1,2-Dichloroethane	µg/kg	12U	12U	12U	12U
1,2-Dichloroethene (total)	µg/kg	12U	12U	12U	12U
1,2-Dichloropropane	µg/kg	12U	12U	12U	12U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	12U	12U	12U	12U
2-Hexanone	µg/kg	12U	12U	12U	12U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	12U	12U	12U	12U
Acetone	µg/kg	12UJ	12UJ	12UJ	12UJ
Benzene	µg/kg	12U	12U	12U	12U
Bromodichloromethane	µg/kg	12U	12U	12U	12U
Bromoform	µg/kg	12U	12U	12U	12U
Bromomethane (Methyl Bromide)	µg/kg	12U	12U	12U	12U
Carbon disulfide	µg/kg	12U	12U	12U	12U
Carbon tetrachloride	µg/kg	12U	12U	12U	12U
Chlorobenzene	µg/kg	12U	12U	12U	12U
Chloroethane	µg/kg	12U	12U	12U	12U
Chloroform (Trichloromethane)	µg/kg	12U	12U	12U	12U
Chloromethane (Methyl Chloride)	µg/kg	12U	12U	12U	12U
cis-1,3-Dichloropropene	µg/kg	12U	12U	12U	12U
Dibromochloromethane	µg/kg	12U	12U	12U	12U
Ethylbenzene	µg/kg	12U	12U	12U	12U
Methylene chloride	µg/kg	12U	12U	12U	12U
Styrene	µg/kg	12U	12U	12U	12U
Tetrachloroethene	µg/kg	12U	12U	12U	1J
Toluene	µg/kg	12U	12U	12U	12U
trans-1,3-Dichloropropene	µg/kg	12U	12U	12U	12U
Trichloroethene	µg/kg	12U	12U	12U	2J
Vinyl chloride	µg/kg	12U	12U	12U	12U
Xylene (total)	µg/kg	12U	12U	12U	12U
TCL Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	390U	400U	400U	380U
1,2-Dichlorobenzene	µg/kg	390U	400U	400U	380U
1,3-Dichlorobenzene	µg/kg	390U	400U	400U	380U
1,4-Dichlorobenzene	µg/kg	390U	400U	400U	380U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	390U	400U	400U	380U
2,4,5-Trichlorophenol	µg/kg	980U	990U	990U	960U
2,4,6-Trichlorophenol	µg/kg	390U	400U	400U	380U
2,4-Dichlorophenol	µg/kg	390U	400U	400U	380U
2,4-Dimethylphenol	µg/kg	390U	400U	400U	380U
2,4-Dinitrophenol	µg/kg	980UJ	990UJ	990UJ	960UJ
2,4-Dinitrotoluene	µg/kg	390U	400U	400U	380U
2,6-Dinitrotoluene	µg/kg	390U	400U	400U	380U
2-Aminopyridine	µg/kg	390U	400U	400U	380U
2-Chloronaphthalene	µg/kg	390U	400U	400U	380U
2-Chlorophenol	µg/kg	390U	400U	400U	380U
2-Methylnaphthalene	µg/kg	390U	400U	400U	380U
2-Methylphenol	µg/kg	390U	400U	400U	380U
2-Nitroaniline	µg/kg	980U	990U	990U	960U
2-Nitrophenol	µg/kg	390U	400U	400U	380U
2-Picoline	µg/kg	390U	400U	400U	380U
3,3'-Dichlorobenzidine	µg/kg	390U	400U	400U	380U
3-Nitroaniline	µg/kg	980U	990U	990UJ	960U
4,6-Dinitro-2-methylphenol	µg/kg	980U	990U	990U	960U
4-Bromophenyl phenyl ether	µg/kg	390U	400U	400U	380U
4-Chloro-3-methylphenol	µg/kg	390U	400U	400U	380U
4-Chloroaniline	µg/kg	390U	400U	400U	380U
4-Chlorophenyl phenyl ether	µg/kg	390U	400U	400U	380U
4-Methylphenol	µg/kg	390U	400U	400U	380U
4-Nitroaniline	µg/kg	980U	990U	990UJ	960U
4-Nitrophenol	µg/kg	980UJ	990UJ	990UJ	960UJ
Acenaphthene	µg/kg	390U	400U	400U	380U
Acenaphthylene	µg/kg	390U	400U	400U	380U
Anthracene	µg/kg	390U	400U	400U	380U
Benzo(a)anthracene	µg/kg	390U	400U	400U	380U

TABLE I.1-4

ANALYTICAL RESULTS SUMMARY
CURTAIN DRAIN INVESTIGATION SOIL SAMPLING
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-49*	*TP-51*	*TP-51*	*TP-52*
Sample ID:		*S-3698-062995-EFF-041*	*S-3698-062995-EFF-043*	*S-3698-062995-EFF-044*	*S-3698-062995-EFF-045*
Sample Date:		*06/29/1995*	*06/29/1995*	*06/29/1995*	*06/29/1995*
Depth		*[-]*	*[-]*	*[-]*	*[-]*
				Duplicate	
Parameter	***Units***				
Benzo(a)pyrene	µg/kg	390U	400U	400U	380U
Benzo(b)fluoranthene	µg/kg	390U	400U	400U	380U
Benzo(g,h,i)perylene	µg/kg	390U	400U	400U	380U
Benzo(k)fluoranthene	µg/kg	390U	400U	400U	380U
bis(2-Chloroethoxy)methane	µg/kg	390U	400U	400U	380U
bis(2-Chloroethyl)ether	µg/kg	390U	400U	400U	380U
bis(2-Ethylhexyl)phthalate	µg/kg	390U	400U	400U	380U
Butyl benzylphthalate	µg/kg	390U	400U	400U	380U
Carbazole	µg/kg	390U	400U	400UJ	380U
Chrysene	µg/kg	390U	400U	400U	380U
Dibenz(a,h)anthracene	µg/kg	390U	400U	400U	380U
Dibenzofuran	µg/kg	390U	400U	400U	380U
Diethyl phthalate	µg/kg	390U	400U	400U	380U
Dimethyl phthalate	µg/kg	390U	400U	400U	380U
Di-n-butylphthalate	µg/kg	390U	400U	400U	380U
Di-n-octyl phthalate	µg/kg	390U	400U	400U	380U
Fluoranthene	µg/kg	390U	400U	75J	380U
Fluorene	µg/kg	390U	400U	400U	380U
Hexachlorobenzene	µg/kg	390U	400U	400U	380U
Hexachlorobutadiene	µg/kg	390U	400U	400U	380U
Hexachlorocyclopentadiene	µg/kg	390U	400U	400U	380U
Hexachloroethane	µg/kg	390U	400U	400U	380U
Indeno(1,2,3-cd)pyrene	µg/kg	390U	400U	400U	380U
Isophorone	µg/kg	390U	400U	400U	380U
Naphthalene	µg/kg	390U	400U	400U	380U
Nitrobenzene	µg/kg	390U	400U	400U	380U
N-Nitrosodi-n-propylamine	µg/kg	390U	400U	400U	380U
N-Nitrosodiphenylamine	µg/kg	390U	400U	400U	380U
Pentachlorophenol	µg/kg	980U	990U	990U	960U
Phenanthrene	µg/kg	390U	400U	400U	380U
Phenol	µg/kg	390U	400U	400U	380U
Pyrene	µg/kg	390U	400U	55J	380U
Pyridine	µg/kg	390U	400U	400U	380U
TCL Pesticides/PCBs					
4,4'-DDD	µg/kg	3.9U	3.9U	3.9U	3.8U
4,4'-DDE	ug/kg	3.9U	3.9U	3.9U	3.8U
4,4'-DDT	ug/kg	3.9U	3.9U	3.9U	3.8U
Aldrin	ug/kg	2U	2U	2U	1.9U
alpha-BHC	ug/kg	2U	2U	2U	1.9U
alpha-Chlordane	ug/kg	2U	2U	2U	1.9U
Aroclor-1016 (PCB-1016)	ug/kg	39U	39U	39U	38U
Aroclor-1221 (PCB-1221)	ug/kg	79U	79U	79U	77U
Aroclor-1232 (PCB-1232)	ug/kg	39U	39U	39U	38U
Aroclor-1242 (PCB-1242)	ug/kg	39U	39U	39U	38U
Aroclor-1248 (PCB-1248)	ug/kg	39U	39U	39U	38U
Aroclor-1254 (PCB-1254)	ug/kg	39U	39U	39U	38U
Aroclor-1260 (PCB-1260)	ug/kg	39U	39U	39U	38U
beta-BHC	ug/kg	2U	2U	2U	1.9U
delta-BHC	ug/kg	2U	2U	2U	1.9U
Dieldrin	ug/kg	3.9U	3.9U	3.9U	3.8U
Endosulfan I	ug/kg	2U	2U	2U	1.9U
Endosulfan II	ug/kg	3.9U	3.9U	3.9U	3.8U
Endosulfan sulfate	ug/kg	3.9U	3.9U	3.9U	3.8U
Endrin	ug/kg	3.9U	3.9U	3.9U	3.8U
Endrin aldehyde	ug/kg	3.9U	3.9U	3.9U	3.8U
Endrin ketone	ug/kg	3.9U	3.9U	3.9U	3.8U
gamma-BHC (Lindane)	ug/kg	2U	2U	2U	1.9U
gamma-Chlordane	ug/kg	2U	2U	2U	1.9U
Heptachlor	ug/kg	2U	2U	2U	1.9U
Heptachlor epoxide	ug/kg	2U	2U	2U	1.9U
Methoxychlor	ug/kg	20U	20U	20U	19U
Toxaphene	ug/kg	200U	200U	200U	190U
TAL Inorganics					
Aluminum	mg/kg	16200	14700	16800	18700
Antimony	mg/kg	0.57UJ	0.57UJ	0.57UJ	0.55UJ
Arsenic	mg/kg	6.9	7.2	6.5	4.3
Barium	mg/kg	54.9	45.8	56.1	74.8
Beryllium	mg/kg	0.86U	0.67U	0.72U	0.71U
Cadmium	mg/kg	0.09U	0.1U	0.09U	0.09U

TABLE I.1-4

ANALYTICAL RESULTS SUMMARY
CURTAIN DRAIN INVESTIGATION SOIL SAMPLING
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TP-49*	*TP-51*	*TP-51*	*TP-52*
Sample ID:		*S-3698-062995-EFF-041*	*S-3698-062995-EFF-043*	*S-3698-062995-EFF-044*	*S-3698-062995-EFF-045*
Sample Date:		*06/29/1995*	*06/29/1995*	*06/29/1995*	*06/29/1995*
Depth		*[-]*	*[-]*	*[-]*	*[-]*
				Duplicate	
Parameter	***Units***				
Calcium	mg/kg	1300	480	509	1130
Chromium Total	mg/kg	22.3	16.5	18.6	19.5
Cobalt	mg/kg	14.5	10.2	11.0	11.0
Copper	mg/kg	58.2J	32.8J	32.0J	22.5J
Cyanide (total)	mg/kg	0.59U	0.59U	0.59U	0.58U
Iron	mg/kg	34100	24700	24700	23300
Lead	mg/kg	16.0J	12.1J	13.1J	13.8J
Magnesium	mg/kg	7200	4170	4440	4600
Manganese	mg/kg	1150	714	870	940
Mercury	mg/kg	0.05U	0.06U	0.06U	0.05
Nickel	mg/kg	31.1	20.3	21.4	22.6
Potassium	mg/kg	2420	1430	2030	1300
Selenium	mg/kg	0.45U	0.45U	0.45U	0.44U
Silver	mg/kg	0.21UJ	0.21UJ	0.21UJ	0.21UJ
Sodium	mg/kg	264	624	674	165U
Thallium	mg/kg	0.57U	0.57U	0.57U	0.55U
Vanadium	mg/kg	25.1	21.4	24.9	25.8
Zinc	mg/kg	101	64.3	68.9	75.4
Wet Chemistry					
Total Organic Carbon (TOC)	mg/kg	2190	2180	2200	5190
Total Solids	%	84.8	84.2	84.3	86.6

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-5

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SSII-1*	*SSII-2*	*SSII-3*	*SSII-4*	*SSII-5*	*SSII-6*	*SSII-6*	*SSII-7*	*SSII-8*
Sample ID:		*SS-3698-060295-DJM-010*	*SS-3698-060295-DJM-007*	*SS-3698-060295-DJM-008*	*SS-3698-060295-DJM-003*	*SS-3698-060295-DJM-002*	*SS-3698-060295-DJM-005*	*SS-3698-060295-DJM-006*	*SS-3698-060295-DJM-004*	*SS-3698-060295-DJM-001*
Sample Date:		*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*
Sample Depth:		*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*
								Duplicate		
Parameter	***Units***									
TCL Volatiles										
1,1,1-Trichloroethane	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
1,1,2,2-Tetrachloroethane	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
1,1,2-Trichloroethane	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
1,1-Dichloroethane	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
1,1-Dichloroethene	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
1,2-Dichloroethane	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
1,2-Dichloroethene (total)	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
1,2-Dichloropropane	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
2-Hexanone	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
Acetone	µg/kg	11U	18	11U	11U	1J	10U	8J	11U	11U
Benzene	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Bromodichloromethane	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Bromoform	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Bromomethane (Methyl Bromide)	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Carbon disulfide	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Carbon tetrachloride	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Chlorobenzene	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
Chloroethane	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Chloroform (Trichloromethane)	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Chloromethane (Methyl Chloride)	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
cis-1,3-Dichloropropene	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Dibromochloromethane	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Ethylbenzene	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
Methylene chloride	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Styrene	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
Tetrachloroethene	µg/kg	3J	11UJ	3J	11UJ	23J	4J	11UJ	51J	11U
Toluene	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	11UJ	11U
trans-1,3-Dichloropropene	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Trichloroethene	µg/kg	11U	11U	11U	11U	11U	10UJ	11UJ	11UJ	11U
Vinyl chloride	µg/kg	11U	11U	11U	11U	11U	10U	11U	11U	11U
Xylene (total)	µg/kg	11U	11UJ	11U	11UJ	11UJ	R	11UJ	2J	11U
TCL Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
1,2-Dichlorobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
1,3-Dichlorobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
1,4-Dichlorobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	350U	360U	360U	370U	360UJ	360U	3600U	360UJ	350UJ
2,4,5-Trichlorophenol	µg/kg	890U	910U	900U	930U	910U	890U	9000U	890U	890U
2,4,6-Trichlorophenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2,4-Dichlorophenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2,4-Dimethylphenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2,4-Dinitrophenol	µg/kg	890UJ	910UJ	900UJ	930UJ	R	R	9000UJ	R	R
2,4-Dinitrotoluene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2,6-Dinitrotoluene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2-Aminopyridine	µg/kg	350U	360U	360U	370U	360UJ	360U	3600U	360UJ	350UJ
2-Chloronaphthalene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2-Chlorophenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2-Methylnaphthalene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2-Methylphenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
2-Nitroaniline	µg/kg	890U	910U	900U	930U	910U	890U	9000U	890U	890U
2-Nitrophenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U

TABLE I.1-5

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SSII-1*	*SSII-2*	*SSII-3*	*SSII-4*	*SSII-5*	*SSII-6*	*SSII-6*	*SSII-7*	*SSII-8*
Sample ID:		*SS-3698-060295-DJM-010*	*SS-3698-060295-DJM-007*	*SS-3698-060295-DJM-008*	*SS-3698-060295-DJM-003*	*SS-3698-060295-DJM-002*	*SS-3698-060295-DJM-005*	*SS-3698-060295-DJM-006*	*SS-3698-060295-DJM-004*	*SS-3698-060295-DJM-001*
Sample Date:		*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*
Sample Depth:		*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*
								Duplicate		
Parameter	***Units***									
2-Picoline	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
3,3'-Dichlorobenzidine	µg/kg	350U	360U	360U	370U	360UJ	360U	3600UJ	360UJ	350UJ
3-Nitroaniline	µg/kg	890UJ	910UJ	900UJ	930UJ	910U	890U	9000UJ	890U	890U
4,6-Dinitro-2-methylphenol	µg/kg	890U	910U	900U	930U	910UJ	890UJ	9000U	890UJ	890UJ
4-Bromophenyl phenyl ether	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
4-Chloro-3-methylphenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
4-Chloroaniline	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
4-Chlorophenyl phenyl ether	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
4-Methylphenol	µg/kg	350U	360U	360U	370U	360UJ	160J	3600U	360UJ	350UJ
4-Nitroaniline	µg/kg	890UJ	910UJ	900UJ	930UJ	910U	890U	9000UJ	890U	890U
4-Nitrophenol	µg/kg	890U	910U	900U	930U	910UJ	890UJ	9000U	890UJ	890UJ
Acenaphthene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Acenaphthylene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Anthracene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Benzo(a)anthracene	µg/kg	350U	360U	360U	370U	360U	360U	3600UJ	150J	350U
Benzo(a)pyrene	µg/kg	350U	57J	360U	370UJ	360UJ	360U	3600UJ	200J	350U
Benzo(b)fluoranthene	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	3600UJ	360U	350U
Benzo(g,h,i)perylene	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	3600UJ	360U	350U
Benzo(k)fluoranthene	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	3600UJ	360U	350U
bis(2-Chloroethoxy)methane	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
bis(2-Chloroethyl)ether	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
bis(2-Ethylhexyl)phthalate	µg/kg	350U	130J	60J	370U	360U	54J	3600UJ	59J	62J
Butyl benzylphthalate	µg/kg	350U	360U	360U	370U	360U	360U	3600UJ	360U	350U
Carbazole	µg/kg	350U	360U	360U	370U	360U	360UJ	3600U	360U	350U
Chrysene	µg/kg	350U	360U	360U	370U	360U	360U	3600UJ	230J	350U
Dibenz(a,h)anthracene	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	3600UJ	360U	350U
Dibenzofuran	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Diethyl phthalate	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Dimethyl phthalate	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Di-n-butylphthalate	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Di-n-octyl phthalate	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	640J	360U	350U
Fluoranthene	µg/kg	61J	61J	360U	65J	360U	64J	3600U	110J	350U
Fluorene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Hexachlorobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Hexachlorobutadiene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Hexachlorocyclopentadiene	µg/kg	350U	360U	360U	370U	360UJ	360U	3600U	360UJ	350UJ
Hexachloroethane	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Indeno(1,2,3-cd)pyrene	µg/kg	350U	360UJ	360U	370UJ	360UJ	360U	3600UJ	360U	350U
Isophorone	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Naphthalene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Nitrobenzene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
N-Nitrosodi-n-propylamine	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
N-Nitrosodiphenylamine	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Pentachlorophenol	µg/kg	890U	910U	900U	930U	910U	890UJ	9000U	890U	890U
Phenanthrene	µg/kg	350U	360U	360U	370U	360U	360U	3600U	86J	350U
Phenol	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U
Pyrene	µg/kg	350U	59J	360U	85J	360U	360U	3600UJ	220J	350U
Pyridine	µg/kg	350U	360U	360U	370U	360U	360U	3600U	360U	350U

TABLE I.1-5

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SSII-1*	*SSII-2*	*SSII-3*	*SSII-4*	*SSII-5*	*SSII-6*	*SSII-6*	*SSII-7*	*SSII-8*
Sample ID:		*SS-3698-060295-DJM-010*	*SS-3698-060295-DJM-007*	*SS-3698-060295-DJM-008*	*SS-3698-060295-DJM-003*	*SS-3698-060295-DJM-002*	*SS-3698-060295-DJM-005*	*SS-3698-060295-DJM-006*	*SS-3698-060295-DJM-004*	*SS-3698-060295-DJM-001*
Sample Date:		*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*	*06/02/1995*
Sample Depth:		*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*	*[-]*
								Duplicate		
Parameter	***Units***									
TCL Pesticides/PCBs										
4,4'-DDD	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	3.5U	3.5U	3.5U	3.5U
4,4'-DDE	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	86J	170J	3.5U	3.5U
4,4'-DDT	µg/kg	3.5U	3.6U	3.5U	3.7U	2.5J	100J	48J	3.5U	3.5U
Aldrin	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	1.8U	1.8U	1.8U	1.8U
alpha-BHC	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	1.8U	1.8U	1.8U	1.8U
alpha-Chlordane	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	1.8U	1.8U	1.8U	1.8U
Aroclor-1016 (PCB-1016)	µg/kg	35U	36U	35U	37U	36U	35U	35U	35U	35U
Aroclor-1221 (PCB-1221)	µg/kg	71U	73U	72U	74U	73U	71U	72U	72U	70U
Aroclor-1232 (PCB-1232)	µg/kg	35U	36U	35U	37U	36U	35U	35U	35U	35U
Aroclor-1242 (PCB-1242)	µg/kg	35U	36U	35U	37U	36U	35U	35U	35U	35U
Aroclor-1248 (PCB-1248)	µg/kg	35U	36U	35U	37U	36U	35U	35U	35U	35U
Aroclor-1254 (PCB-1254)	µg/kg	35U	36U	35U	30J	34J	4800J	8900J	35U	32J
Aroclor-1260 (PCB-1260)	µg/kg	35U	36U	35U	37U	36U	35U	35U	35U	35U
beta-BHC	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	2.8	1.8U	1.8U	1.8U
delta-BHC	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	3.9J	6.0	1.8U	1.8U
Dieldrin	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	27J	27	3.5U	3.5U
Endosulfan I	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	6.9	11	1.8U	1.8U
Endosulfan II	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	35U	3.5U	3.5U	3.5U
Endosulfan sulfate	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	55	41	3.5U	3.5U
Endrin	µg/kg	3.5U	3.6U	3.5U	3.7U	2.7J	3.5U	35U	3.5U	3.5U
Endrin aldehyde	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	97J	3.5UJ	3.5U	3.5U
Endrin ketone	µg/kg	3.5U	3.6U	3.5U	3.7U	3.6U	21J	3.5UJ	3.5U	3.5U
gamma-BHC (Lindane)	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	1.8U	1.8U	1.8U	1.8U
gamma-Chlordane	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	1.8U	18U	1.8U	1.8U
Heptachlor	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	0.89J	3.2J	1.8U	1.8U
Heptachlor epoxide	µg/kg	1.8U	1.8U	1.8U	1.9U	1.8U	9.6J	19J	1.8U	1.8U
Methoxychlor	µg/kg	18U	18U	18U	19U	18U	120J	220J	18U	18U
Toxaphene	µg/kg	180U	180U	180U	190U	180U	180U	180U	180U	180U
TAL Inorganics										
Aluminum	mg/kg	18000	16400	17400	19200	18000	18400	14800	13600	18100
Antimony	mg/kg	0.51UJ	0.52UJ	0.52UJ	0.53UJ	0.52UJ	0.51UJ	0.67J	0.52UJ	0.51UJ
Arsenic	mg/kg	10.4	9.4	7.2	8.2	7.1	7.9	10.0	6.0	7.5
Barium	mg/kg	43.5	45.3	47.9	65.2	61.0	71.3J	131J	58.2	55.3
Beryllium	mg/kg	0.92U	0.85U	0.82U	0.95	0.85	0.79U	0.64U	0.71U	0.87
Cadmium	mg/kg	0.21U	0.26U	0.18U	0.28U	0.2U	0.33U	0.41U	0.29U	0.23U
Calcium	mg/kg	725	1280	713	1470	548	712	826	1740	1170
Chromium Total	mg/kg	22.8	22.0	22.0	23.9	21.2	44.7	60.7	17.0	23.5
Cobalt	mg/kg	19.6	17.9	14.3	16.0	13.8	12.1	8.5	13.7	15.8
Copper	mg/kg	41.7	41.5	35.7	60.1	41.6	89.4	108	34.0	41.8
Cyanide (total)	mg/kg	0.53U	0.55U	0.54U	0.56U	0.55U	0.53U	0.54U	0.54U	0.53U
Iron	mg/kg	34200	32500	31800	31500	31500	38700	33800	23800	33700
Lead	mg/kg	24.0	39.3	16.7	30.9	18.1	48.8J	85.9J	22.3	19.3
Magnesium	mg/kg	8060	8100	7300	7790	6540	7610	4700	5600	8230
Manganese	mg/kg	1230	1240	936	1140	1040	545J	270J	1170	963
Mercury	mg/kg	0.17J	0.13J	0.16J	0.81J	1.6J	23.4J	13.0J	0.12J	0.17J
Nickel	mg/kg	31.2	30.4	28.9	29.8	27.1	36.1	30.3	23.8	31.2
Potassium	mg/kg	1170J	1060J	1270J	1890J	1040J	1530J	1370J	1200J	1570J
Selenium	mg/kg	0.97	0.99	0.93	0.80	0.75	0.92	0.91	0.76	0.99
Silver	mg/kg	0.19U	0.2U	0.19U	0.2U	0.2U	0.19U	0.19U	0.19U	0.19U
Sodium	mg/kg	27.8	42.6	28.3	47.8	27.5	38.1J	74.8J	44.1	40.2
Thallium	mg/kg	0.91	0.95	0.76	0.68	0.76	0.87	0.67	0.73	1.1
Vanadium	mg/kg	25.9	23.5	24.6	28.0	25.8	40.2	41.2	20.3	25.7
Zinc	mg/kg	101	106	92.8	109	88.6	116	125	90.8	89.5

TABLE I.1-5

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		SSII-1	SSII-2	SSII-3	SSII-4	SSII-5	SSII-6	SSII-6	SSII-7	SSII-8
Sample ID:		SS-3698-060295-DJM-010	SS-3698-060295-DJM-007	SS-3698-060295-DJM-008	SS-3698-060295-DJM-003	SS-3698-060295-DJM-002	SS-3698-060295-DJM-005	SS-3698-060295-DJM-006	SS-3698-060295-DJM-004	SS-3698-060295-DJM-001
Sample Date:		06/02/1995	06/02/1995	06/02/1995	06/02/1995	06/02/1995	06/02/1995	06/02/1995	06/02/1995	06/02/1995
Sample Depth:		[-]	[-]	[-]	[-]	[-]	[-]	[-]	[-]	[-]
								Duplicate		
Parameter	***Units***									
Wet Chemistry										
Total Organic Carbon (TOC)	mg/kg	12100	20900	8160	32400	20300	84100	87400	33900	9460
Total Solids	%	93.9	91.6	92.6	90.0	91.7	93.8	93.1	93.2	94.0

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L1-TP1*	*L1-TP1*	*L1-TP3*	*L1-TP3*	*L1-TP3*	*L2-TP1*	*L2-TP1*	*L2-TP1*	*L2-TP2*
Sample ID:		*S-3698-112596-RM-18*	*S-3698-112596-RM-19*	*S-3698-112596-RM-20*	*S-3698-112596-RM-21*	*S-3698-112596-RM-22*	*S-3698-112696-RM-24*	*S-3698-112696-RM-25*	*S-3698-112696-RM-26*	*S-3698-112596-RM-23*
Sample Date:		*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/26/1996*	*11/26/1996*	*11/26/1996*	*11/25/1996*
Sample Depth:		*[9-9]*	*[12-14]*	*[4-4]*	*[8-10]*	*[8-10]*	*[4-4]*	*[4-6]*	*[4-6]*	*[4-6]*
						Duplicate			*Duplicate*	
Parameter	***Units***									
TCL Volatiles										
1,1,1-Trichloroethane	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
1,1,2,2-Tetrachloroethane	µg/kg	11U	12U	12U	11UJ	11UJ	11U	6200U	6600U	11UJ
1,1,2-Trichloroethane	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
1,1-Dichloroethane	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
1,1-Dichloroethene	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
1,2-Dichloroethane	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
1,2-Dichloroethene (total)	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
1,2-Dichloropropane	µg/kg	11U	12U	12U	11U	11U	11U	2J	6600U	11U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	4J	12U	12U	11U	14J	11U	16J	6600U	8J
2-Hexanone	µg/kg	11U	12U	12U	11UJ	11UJ	11U	6200U	6600U	11UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	11U	12U	12U	11UJ	11UJ	11U	200J	6600UJ	11UJ
Acetone	µg/kg	28J	11J	12U	19J	62J	11U	66J	6600U	39J
Benzene	µg/kg	3J	120	3J	160	190	11U	1200J	1300J	13000
Bromodichloromethane	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Bromoform	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Bromomethane (Methyl Bromide)	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
Carbon disulfide	µg/kg	11U	2J	12U	2J	27J	11U	12U	6600U	2J
Carbon tetrachloride	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Chlorobenzene	µg/kg	6J	17	12U	31J	41J	11U	5600J	3900J	12000
Chloroethane	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
Chloroform (Trichloromethane)	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
Chloromethane (Methyl Chloride)	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
cis-1,3-Dichloropropene	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Dibromochloromethane	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Ethylbenzene	µg/kg	11U	75	12U	820	680	3J	32000	22000	13000
Methylene chloride	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
Styrene	µg/kg	11U	12U	12U	11UJ	11UJ	11U	6200U	2600J	11UJ
Tetrachloroethene	µg/kg	11U	12U	12U	11UJ	11UJ	11U	6200U	6600U	11UJ
Toluene	µg/kg	11U	4J	5J	87J	160J	11U	7700	7700	7200
trans-1,3-Dichloropropene	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Trichloroethene	µg/kg	11U	12U	12U	11U	11U	11U	12UJ	6600U	11U
Vinyl chloride	µg/kg	11U	12U	12U	11U	11U	11U	12U	6600U	11U
Xylene (total)	µg/kg	3J	170	5J	1300	1100	12	300000	240000	43000
TIC Volatiles										
2-Butoxy-Ethanol A	µg/kg	–	–	–	–	–	–	–	–	–
Benzene, C3 Substitute A	µg/kg	–	–	–	217J	–	–	–	6200J	–
Cyclohexane A	µg/kg	–	–	–	–	9J	–	–	–	–
Ethylcyclopentane A	µg/kg	–	–	–	–	–	–	10J	–	–
Methyl Cyclohexane Isomer A	µg/kg	–	–	–	–	–	–	–	–	11J
Methyl Pentene Isomer A	µg/kg	–	–	–	–	–	–	–	–	12J
n-Propylbenzene A	µg/kg	–	–	–	130J	8J	–	12000J	7400J	–
Trimethyl pentane Isomer A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown A	µg/kg	–	–	–	–	7J	–	86J	54000J	7J
Unknown Alkane A	µg/kg	–	–	–	413J	47J	–	508J	–	53J
Unknown Alkene A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown Hydrocarbon A	µg/kg	–	–	–	–	–	–	–	4500J	–

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-TP1	L1-TP1	L1-TP3	L1-TP3	L1-TP3	L2-TP1	L2-TP1	L2-TP1	L2-TP2
Sample ID:		S-3698-112596-RM-18	S-3698-112596-RM-19	S-3698-112596-RM-20	S-3698-112596-RM-21	S-3698-112596-RM-22	S-3698-112696-RM-24	S-3698-112696-RM-25	S-3698-112696-RM-26	S-3698-112596-RM-23
Sample Date:		11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/26/1996	11/26/1996	11/26/1996	11/25/1996
Sample Depth:		[9-9]	[12-14]	[4-4]	[8-10]	[8-10]	[4-4]	[4-6]	[4-6]	[4-6]
						Duplicate			Duplicate	
Parameter	*Units*									
TCL Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
1,2-Dichlorobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
1,3-Dichlorobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
1,4-Dichlorobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2,4,5-Trichlorophenol	µg/kg	950U	960U	970U	900U	890U	950U	10000U	11000U	950U
2,4,6-Trichlorophenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2,4-Dichlorophenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2,4-Dimethylphenol	µg/kg	380UJ	380UJ	390UJ	360U	350U	380U	4100U	4400U	380U
2,4-Dinitrophenol	µg/kg	950U	960U	970U	R	R	R	R	R	R
2,4-Dinitrotoluene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2,6-Dinitrotoluene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2-Aminopyridine	µg/kg	380UJ	2900J	390UJ	610J	720J	380UJ	19000J	4400UJ	2200J
2-Chloronaphthalene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2-Chlorophenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2-Methylnaphthalene	µg/kg	380U	380U	390U	360U	350U	380U	450J	4400U	59J
2-Methylphenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2-Nitroaniline	µg/kg	950U	960U	970U	900U	890U	950U	10000U	11000U	950U
2-Nitrophenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
2-Picoline	µg/kg	380UJ	78J	180J	150J	210J	380UJ	4100UJ	4400UJ	380UJ
3,3'-Dichlorobenzidine	µg/kg	380U	380U	390U	360UJ	350UJ	380UJ	4100UJ	4400UJ	380UJ
3-Nitroaniline	µg/kg	950U	960U	970U	900U	890U	950U	10000U	11000U	950U
4,6-Dinitro-2-methylphenol	µg/kg	950U	960U	970U	900UJ	890UJ	950UJ	10000UJ	11000UJ	950UJ
4-Bromophenyl phenyl ether	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
4-Chloro-3-methylphenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
4-Chloroaniline	µg/kg	380U	380U	390U	360U	350UJ	380UJ	4100UJ	4400UJ	380UJ
4-Chlorophenyl phenyl ether	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
4-Methylphenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
4-Nitroaniline	µg/kg	950U	960U	970U	900U	890U	950U	10000U	11000U	950U
4-Nitrophenol	µg/kg	950UJ	960UJ	970UJ	900UJ	890UJ	950UJ	10000UJ	11000UJ	950UJ
Acenaphthene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Acenapthylene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Anthracene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Benzo(a)anthracene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380UJ
Benzo(a)pyrene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
Benzo(b)fluoranthene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
Benzo(g,h,i)perylene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
Benzo(k)fluoranthene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
bis(2-Chloroethoxy)methane	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
bis(2-Chloroethyl)ether	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
bis(2-Ethylhexyl)phthalate	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380UJ
Butyl benzylphthalate	µg/kg	380U	380U	390U	360UJ	350UJ	380UJ	4100UJ	4400UJ	380UJ
Carbazole	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Chrysene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380UJ
Dibenz(a,h)anthracene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
Dibenzofuran	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Diethyl phthalate	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Dimethyl phthalate	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Di-n-butylphthalate	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Di-n-octyl phthalate	µg/kg	380U	380U	390U	360UJ	350UJ	380UJ	4100UJ	4400UJ	380UJ

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-TP1	L1-TP1	L1-TP3	L1-TP3	L1-TP3	L2-TP1	L2-TP1	L2-TP1	L2-TP2
Sample ID:		S-3698-112596-RM-18	S-3698-112596-RM-19	S-3698-112596-RM-20	S-3698-112596-RM-21	S-3698-112596-RM-22	S-3698-112596-RM-24	S-3698-112596-RM-25	S-3698-112696-RM-26	S-3698-112596-RM-23
Sample Date:		11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/26/1996	11/26/1996	11/26/1996	11/25/1996
Sample Depth:		[9-9]	[12-14]	[4-4]	[8-10]	[8-10]	[4-4]	[4-6]	[4-6]	[4-6]
						Duplicate			Duplicate	
Parameter	***Units***									
Fluoranthene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Fluorene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Hexachlorobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Hexachlorobutadiene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Hexachlorocyclopentadiene	µg/kg	R	R	R	360UJ	350UJ	380UJ	4100UJ	4400UJ	380UJ
Hexachloroethane	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Indeno(1,2,3-cd)pyrene	µg/kg	380U	380U	390U	360UJ	350UJ	380U	4100UJ	4400U	380UJ
Isophorone	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Naphthalene	µg/kg	380U	380U	390U	84J	93J	380U	860J	490J	100J
Nitrobenzene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
N-Nitrosodi-n-propylamine	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
N-Nitrosodiphenylamine	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Pentachlorophenol	µg/kg	950UJ	960UJ	970UJ	900UJ	890UJ	950UJ	10000UJ	11000UJ	950UJ
Phenanthrene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Phenol	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Pyrene	µg/kg	380U	380U	390U	360U	350U	380U	4100U	4400U	380U
Pyridine	µg/kg	380UJ	380UJ	390UJ	160J	170J	380UJ	4100UJ	4400UJ	380UJ
TIC Semi-Volatiles										
1,2,3,4-Tetrahydro-naphthalene A	µg/kg	--	--	--	7700J	12000J	--	44000J	30000J	4100J
2,2'-Methylenedithiophene	µg/kg	--	--	--	--	--	--	15000J	--	--
2-Chloro-5-(trifluoro)-benzenamine	µg/kg	--	--	--	--	--	--	11000J	--	--
2-Chloroethyl-benzene	µg/kg	--	--	--	--	--	--	10000J	--	--
Benzaldehyde A	µg/kg	--	--	--	--	330J	--	--	--	510J
Benzamide	µg/kg	--	--	--	--	--	--	--	8200J	--
Benzoic acid A	µg/kg	--	--	--	--	--	--	--	--	--
Bipyridine Isomer 1	µg/kg	--	770J	--	8600J	14000J	--	--	16000J	2300J
Diphenyl ether A	µg/kg	--	--	--	--	--	--	--	--	1000J
Ethyl-methyl-pyridine Isomer 1	µg/kg	5900J	870J	770J	--	--	--	--	--	--
n-Propylbenzene A	µg/kg	--	--	--	--	--	--	17000J	--	--
Phenothiazine	µg/kg	--	870J	--	--	--	--	--	--	--
Phenyl ethanone A	µg/kg	--	--	--	--	--	--	7600J	--	--
Unknown A	µg/kg	540J	3630J	35430J	5470J	9920J	140J	--	--	10750J
Unknown B	µg/kg	--	--	--	--	--	--	39400J	107500J	--
Unknown Acid A	µg/kg	--	--	--	--	--	120J	--	--	--
Unknown Alkane A	µg/kg	--	--	--	--	--	--	--	--	140J
Unknown Aromatic A	µg/kg	--	--	--	--	--	--	--	--	810J
TAL Inorganics										
Aluminum	mg/kg	13900	13000	18600	14500	14200	20400	15000	19500	15200
Antimony	mg/kg	0.62UJ	0.62UJ	0.63UJ	0.58UJ	0.57UJ	0.61UJ	1.9J	1.6J	0.92J
Arsenic	mg/kg	4	6.4	8.9	6	5.7	12.2	7.6	9.9	5.1
Barium	mg/kg	49.4	35.6	54.1	45.7	46.9	63.2	87.6	91.6	45.4
Beryllium	mg/kg	0.59	0.68	0.9	0.75	0.79	0.98	0.67	0.88	0.74
Cadmium	mg/kg	0.27	0.17	0.05U	0.04U	0.04U	0.05U	2.4	1.6	0.59
Calcium	mg/kg	498	971	964	2100	2030	590	17800J	9750J	11400
Chromium Total	mg/kg	16.8	21.8	24.8	22.2	22.3	25.3	184	139	43.2
Cobalt	mg/kg	10	11.4	14.6	11.4	11	21.1	11.8	15.8	9.5
Copper	mg/kg	17	33.7	39.9	36.8	35.3	39.5	187	128	64.1
Cyanide (total)	mg/kg	0.57U	0.58U	0.58U	0.54U	0.53U	0.57U	8.2	4.9	0.57U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-TP1	L1-TP1	L1-TP3	L1-TP3	L1-TP3	L2-TP1	L2-TP1	L2-TP1	L2-TP2
Sample ID:		S-3698-112596-RM-18	S-3698-112596-RM-19	S-3698-112596-RM-20	S-3698-112596-RM-21	S-3698-112596-RM-22	S-3698-112696-RM-24	S-3698-112696-RM-25	S-3698-112696-RM-26	S-3698-112596-RM-23
Sample Date:		11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/25/1996	11/26/1996	11/26/1996	11/26/1996	11/25/1996
Sample Depth:		[9-9]	[12-14]	[4-4]	[8-10]	[8-10]	[4-4]	[4-6]	[4-6]	[4-6]
						Duplicate			Duplicate	
Parameter	***Units***									
Iron	mg/kg	23400	33000	36700	35400	34200	36300	35700	37900	30900
Lead	mg/kg	9.7	13.2	17.3	14	13.7	22.7	124	96.8	29
Magnesium	mg/kg	4100	6560	7590	6880	6640	7810	6430	7480	7430
Manganese	mg/kg	826	543	861	753	717	1210	1640	1470	679
Mercury	mg/kg	0.05U	0.05U	79.9	0.25	0.29	0.05	51.3J	14.9J	3.8
Nickel	mg/kg	18.7	27.7	30.2	30.2	29	31	53.3	49.7	30.7
Potassium	mg/kg	1000	967	2250	1690	1840	2180	2030	2730	2250
Selenium	mg/kg	1U	0.95U	0.32U	0.3U	0.3U	0.32U	0.35U	0.37U	0.32U
Silver	mg/kg	0.09U	0.09U	0.09U	0.11	0.09U	0.09	0.35	0.29	0.09U
Sodium	mg/kg	112	283	316	192	189	63.4	358	259	410
Thallium	mg/kg	0.43U	0.55	0.53	0.42	0.65	0.71	0.54	0.5U	0.43U
Vanadium	mg/kg	20.7	20.8	27.6	23.9	22.6	29.3	30.5	34.4	23.2
Zinc	mg/kg	59.6	84.1	105	91.9	88.1	100	310	245	158
TCL Pesticides/PCBs										
4,4'-DDD	µg/kg	3.8U	3.8U	9.6	3.6U	3.5U	3.7U	41U	44U	25J
4,4'-DDE	µg/kg	3.8U	3.8U	3.8U	2.2J	3.1J	2J	320J	270J	21J
4,4'-DDT	µg/kg	3.8U	3.8U	R	3.6U	3.5U	3.7U	1200UJ	1200J	34J
Aldrin	µg/kg	1.9U	2U	2U	1.8U	1.8U	1.9U	77J	65	1.9U
alpha-BHC	µg/kg	1.9U	4	2U	1.8U	1.8U	1.9U	21U	22U	2.2J
alpha-Chlordane	µg/kg	1.9U	2U	2U	1.8U	1J	1.9U	21U	22U	1.9U
Aroclor-1016 (PCB-1016)	µg/kg	38U	38U	38U	36U	35U	37U	410U	440U	38U
Aroclor-1221 (PCB-1221)	µg/kg	76U	77U	78U	72U	71U	76U	830U	890U	76U
Aroclor-1232 (PCB-1232)	µg/kg	38U	38U	38U	36U	35U	37U	410U	440U	38U
Aroclor-1242 (PCB-1242)	µg/kg	38U	38U	38U	36U	35U	37U	410U	440U	38U
Aroclor-1248 (PCB-1248)	µg/kg	38U	38U	38U	36U	35U	37U	410U	440U	38U
Aroclor-1254 (PCB-1254)	µg/kg	38U	38U	300	58J	100J	78	15000	14000	1100J
Aroclor-1260 (PCB-1260)	µg/kg	38U	38U	38U	36U	35U	37U	4300J	2400J	310J
beta-BHC	µg/kg	1.9U	2U	2U	1.8U	1.8U	1.9U	21U	22U	1.9U
delta-BHC	µg/kg	1.9U	2U	2U	1.8U	1.8U	1.9U	21U	22U	1.9U
Dieldrin	µg/kg	3.8U	3.8U	3.8U	3.6U	3.5U	3.7U	170J	140J	6.2J
Endosulfan I	µg/kg	1.9U	2U	2U	0.97J	1.1J	1.9U	19J	11J	1.9U
Endosulfan II	µg/kg	3.8U	3.8U	3.8U	3.6U	3.5U	3.7U	750J	480J	3.8U
Endosulfan sulfate	µg/kg	3.8U	3.8U	38U	3.6U	3.5U	3.7U	41U	44U	37J
Endrin	µg/kg	3.8U	3.8U	7.3J	3.6U	2.1J	2J	390J	300J	23J
Endrin aldehyde	µg/kg	3.8U	3.8U	3.8U	3.6U	3.5U	R	41U	44U	3.8U
Endrin ketone	µg/kg	3.8U	3.8U	3.8U	3.6U	3.5U	3.7U	23J	29J	3.8U
gamma-BHC (Lindane)	µg/kg	1.9U	2U	2U	1.8U	1.8U	1.9U	21U	22U	1.9U
gamma-Chlordane	µg/kg	1.9U	2U	5.4	1.4J	2.7J	1.7J	21U	22U	1.9U
Heptachlor	µg/kg	1.9U	2U	2U	1.8U	1.8U	1.9U	21U	22U	1.9U
Heptachlor epoxide	µg/kg	1.9U	2U	1.7J	1.4J	1.8U	1.9U	44J	36J	9.7J
Methoxychlor	µg/kg	19U	20U	20U	18U	18U	19U	110J	220U	19U
Toxaphene	µg/kg	190U	200U	200U	180U	180U	190U	2100U	2200U	190U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L1-TP1*	*L1-TP1*	*L1-TP3*	*L1-TP3*	*L1-TP3*	*L2-TP1*	*L2-TP1*	*L2-TP1*	*L2-TP2*
Sample ID:		*S-3698-112596-RM-18*	*S-3698-112596-RM-19*	*S-3698-112596-RM-20*	*S-3698-112596-RM-21*	*S-3698-112596-RM-22*	*S-3698-112696-RM-24*	*S-3698-112696-RM-25*	*S-3698-112696-RM-26*	*S-3698-112596-RM-23*
Sample Date:		*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/25/1996*	*11/26/1996*	*11/26/1996*	*11/26/1996*	*11/25/1996*
Sample Depth:		*[9-9]*	*[12-14]*	*[4-4]*	*[8-10]*	*[8-10]*	*[4-4]*	*[4-6]*	*[4-6]*	*[4-6]*
						Duplicate			*Duplicate*	
Parameter	***Units***									
Wet Chemistry										
Ammonia-n	mg/kg	7.4	36.9	5.2	24.8	23.9	10.2	9.9J	3.3J	13.1
Orthophosphate	mg/kg	2.9U	2.9U	2.9U	2.7U	2.7U	2.8U	5.4J	30J	26.2
pH	s.u.	6.2	6.9	6.5	7.9	7.5	7.6	5.7	7.2	7.9
Total Organic Carbon (TOC)	mg/kg	2150	1920	13900	16500J	32800J	6630	42900J	82100J	13900
Total Solids	%	87.7	86.7	86.2	92.9	94	88.1	81	75.3	87.7

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-TP1*	*L3-TP2*	*L3-TP2*	*L3-TP2*	*L3-TP3*	*L3-TP3*	*L3-TP3*	*L4-TP1*	*L4-TP1*
Sample ID:		*S-3698-112296-RM-11*	*S-3698-112296-RM-12*	*S-3698-112296-RM-13*	*S-3698-112296-RM-14*	*S-3698-112296-RM-15*	*S-3698-112296-RM-16*	*S-3698-112296-RM-17*	*S-3698-112296-RM-08*	*S-3698-112296-RM-09*
Sample Date:		*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*
Sample Depth:		*[8-12]*	*[5-7]*	*[3-5]*	*[3-5]*	*[5-10]*	*[3-5]*	*[12-12]*	*[2-4]*	*[4-6]*
Parameter	***Units***									
TCL Volatiles										
1,1,1-Trichloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,1,2,2-Tetrachloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25UJ
1,1,2-Trichloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,1-Dichloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,1-Dichloroethene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,2-Dichloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,2-Dichloroethene (total)	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
1,2-Dichloropropane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	12U	5J	11U	12U	29J	11U	12U	11U	47J
2-Hexanone	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25UJ
Acetone	µg/kg	12U	16J	11U	12U	90	11U	8J	10J	140
Benzene	µg/kg	12U	11U	11U	12U	67J	11U	17	11U	6J
Bromodichloromethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Bromoform	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Bromomethane (Methyl Bromide)	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Carbon disulfide	µg/kg	12U	1J	11U	12U	10J	11U	12U	11U	5J
Carbon tetrachloride	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Chlorobenzene	µg/kg	12U	11U	11U	12U	18	11U	12U	11U	25UJ
Chloroethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Chloroform (Trichloromethane)	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Chloromethane (Methyl Chloride)	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
cis-1,3-Dichloropropene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Dibromochloromethane	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Ethylbenzene	µg/kg	12U	11U	11U	12U	57	11U	12U	11U	4J
Methylene chloride	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Styrene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25UJ
Tetrachloroethene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25UJ
Toluene	µg/kg	12U	11U	11U	1J	7J	11U	12U	11U	15J
trans-1,3-Dichloropropene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Trichloroethene	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Vinyl chloride	µg/kg	12U	11U	11U	12U	13U	11U	12U	11U	25U
Xylene (total)	µg/kg	12U	11U	11U	12U	200	11U	3J	3J	20J
TIC Volatiles										
2-Butoxy-Ethanol A	µg/kg	–	–	–	–	–	–	–	–	–
Benzene, C3 Substitute A	µg/kg	–	–	–	–	94J	–	–	–	–
Cyclohexane A	µg/kg	–	–	–	–	–	–	–	–	–
Ethylcyclopentane A	µg/kg	–	–	–	–	–	–	–	–	–
Methyl Cyclohexane Isomer A	µg/kg	–	–	–	–	–	–	–	–	–
Methyl Pentene Isomer A	µg/kg	–	–	–	–	–	–	–	–	–
n-Propylbenzene A	µg/kg	–	–	–	–	18J	–	–	–	–
Trimethyl pentane Isomer A	µg/kg	–	–	–	–	15J	–	–	–	–
Unknown A	µg/kg	–	–	–	–	10J	–	–	–	–
Unknown Alkane A	µg/kg	–	–	–	–	53J	–	–	–	–
Unknown Alkene A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown Hydrocarbon A	µg/kg	–	–	–	–	–	–	–	–	–

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-TP1*	*L3-TP2*	*L3-TP2*	*L3-TP2*	*L3-TP3*	*L3-TP3*	*L3-TP3*	*L4-TP1*	*L4-TP1*
Sample ID:		*S-3698-112296-RM-11*	*S-3698-112296-RM-12*	*S-3698-112296-RM-13*	*S-3698-112296-RM-14*	*S-3698-112296-RM-15*	*S-3698-112296-RM-16*	*S-3698-112296-RM-17*	*S-3698-112296-RM-08*	*S-3698-112296-RM-09*
Sample Date:		*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*
Sample Depth:		*[8-12]*	*[5-7]*	*[3-5]*	*[3-5]*	*[5-10]*	*[3-5]*	*[12-12]*	*[2-4]*	*[4-6]*
Parameter	***Units***									
TCL Semi-Volatiles										
1,2,4-Trichlorobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
1,2-Dichlorobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
1,3-Dichlorobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
1,4-Dichlorobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
2,4,5-Trichlorophenol	µg/kg	970U	920U	950U	980U	1100U	940U	980U	960U	1000U
2,4,6-Trichlorophenol	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2,4-Dichlorophenol	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2,4-Dimethylphenol	µg/kg	390UJ	370U	380UJ	390UJ	440UJ	380UJ	390U	380UJ	410U
2,4-Dinitrophenol	µg/kg	970UJ	920U	950UJ	980UJ	1100U	940U	980UJ	960UJ	1000UJ
2,4-Dinitrotoluene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2,6-Dinitrotoluene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2-Aminopyridine	µg/kg	12000J	74000	380U	390U	17000	380UJ	30000J	11000J	99000J
2-Chloronaphthalene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2-Chlorophenol	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
2-Methylnaphthalene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2-Methylphenol	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
2-Nitroaniline	µg/kg	970U	920U	950U	980U	1100U	940U	980U	960U	1000U
2-Nitrophenol	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
2-Picoline	µg/kg	390U	370UJ	380U	390U	110J	380UJ	390UJ	380U	410U
3,3'-Dichlorobenzidine	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
3-Nitroaniline	µg/kg	970U	920U	950U	980U	1100U	940U	980U	960U	1000U
4,6-Dinitro-2-methylphenol	µg/kg	970U	920U	950U	980U	1100U	940U	980U	960U	1000U
4-Bromophenyl phenyl ether	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
4-Chloro-3-methylphenol	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
4-Chloroaniline	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
4-Chlorophenyl phenyl ether	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
4-Methylphenol	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
4-Nitroaniline	µg/kg	970U	920U	950U	980U	1100U	940U	980U	960U	1000U
4-Nitrophenol	µg/kg	970UJ	920U	950UJ	980UJ	1100UJ	940UJ	980U	960UJ	1000U
Acenaphthene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Acenapthylene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Anthracene	µg/kg	390U	370U	42J	390U	440U	380U	390U	380U	410U
Benzo(a)anthracene	µg/kg	390U	370U	45J	390U	440U	380U	390U	380U	410U
Benzo(a)pyrene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Benzo(b)fluoranthene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Benzo(g,h,i)perylene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Benzo(k)fluoranthene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
bis(2-Chloroethoxy)methane	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
bis(2-Chloroethyl)ether	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
bis(2-Ethylhexyl)phthalate	µg/kg	46J	370U	290J	210J	440U	380U	390U	380U	410U
Butyl benzylphthalate	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Carbazole	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Chrysene	µg/kg	390U	370U	52J	390U	440U	380U	390U	380U	410U
Dibenz(a,h)anthracene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Dibenzofuran	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Diethyl phthalate	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Dimethyl phthalate	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Di-n-butylphthalate	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Di-n-octyl phthalate	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-TP1*	*L3-TP2*	*L3-TP2*	*L3-TP2*	*L3-TP3*	*L3-TP3*	*L3-TP3*	*L4-TP1*	*L4-TP1*
Sample ID:		*S-3698-112296-RM-11*	*S-3698-112296-RM-12*	*S-3698-112296-RM-13*	*S-3698-112296-RM-14*	*S-3698-112296-RM-15*	*S-3698-112296-RM-16*	*S-3698-112296-RM-17*	*S-3698-112296-RM-08*	*S-3698-112296-RM-09*
Sample Date:		*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*
Sample Depth:		*[8-12]*	*[5-7]*	*[3-5]*	*[3-5]*	*[5-10]*	*[3-5]*	*[12-12]*	*[2-4]*	*[4-6]*
Parameter	***Units***									
Fluoranthene	µg/kg	390U	370U	130J	390U	440U	380U	390U	380U	410U
Fluorene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Hexachlorobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Hexachlorobutadiene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Hexachlorocyclopentadiene	µg/kg	390UJ	370U	380UJ	390UJ	R	R	390UJ	380UJ	410U
Hexachloroethane	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
Indeno(1,2,3-cd)pyrene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Isophorone	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Naphthalene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
Nitrobenzene	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
N-Nitrosodi-n-propylamine	µg/kg	390U	370U	380U	390U	440U	380U	390U	380U	410U
N-Nitrosodiphenylamine	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
Pentachlorophenol	µg/kg	970UJ	920U	950UJ	980UJ	1100UJ	940UJ	980UJ	960UJ	1000U
Phenanthrene	µg/kg	390U	370U	69J	390U	440U	380U	390U	380U	410U
Phenol	µg/kg	390U	370U	380U	390U	440U	380U	390UJ	380U	410U
Pyrene	µg/kg	390U	370U	92J	390U	440U	380U	390U	380U	410U
Pyridine	µg/kg	390UJ	370UJ	380UJ	390UJ	440UJ	380UJ	390UJ	380UJ	410UJ
TIC Semi-Volatiles										
1,2,3,4-Tetrahydro-naphthalene A	µg/kg	–	–	–	–	–	–	–	–	–
2,2'-Methylenedithiophene	µg/kg	–	–	–	–	–	–	–	–	–
2-Chloro-5-(trifluoro)-benzenamine	µg/kg	–	–	–	–	–	–	–	–	–
2-Chloroethyl-benzene	µg/kg	–	–	–	–	–	–	–	–	–
Benzaldehyde A	µg/kg	–	–	–	–	–	–	–	–	–
Benzamide	µg/kg	–	–	–	–	–	–	–	–	550J
Benzoic acid A	µg/kg	–	–	–	–	–	–	–	–	–
Bipyridine Isomer 1	µg/kg	760J	4300J	1100J	–	6500J	–	1000J	740J	12000J
Diphenyl ether A	µg/kg	–	–	–	–	–	–	–	–	–
Ethyl-methyl-pyridine Isomer 1	µg/kg	3400J	740J	4200J	–	440J	–	1000J	580J	180J
n-Propylbenzene A	µg/kg	–	–	–	–	–	–	–	–	–
Phenothiazine	µg/kg	–	–	–	–	1300J	–	–	–	–
Phenyl ethanone A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown A	µg/kg	–	3870J	–	990J	2150J	3960J	2600J	–	3380J
Unknown B	µg/kg	–	–	–	–	–	–	–	–	–
Unknown Acid A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown Alkane A	µg/kg	–	–	–	–	–	–	–	–	–
Unknown Aromatic A	µg/kg	–	–	–	–	2130J	–	–	–	1030J
TAL Inorganics										
Aluminum	mg/kg	13300	10700	18000	17800	14300	15900	16400	14300	15300
Antimony	mg/kg	0.63UJ	0.6UJ	0.62UJ	0.63UJ	0.71UJ	0.61UJ	0.63UJ	0.62UJ	0.66UJ
Arsenic	mg/kg	7.1	4.2	6.3	6.3	4.6	9.7	6	3.6	6.9
Barium	mg/kg	50.5	29.6	50.4	54.8	109	40.9	57.5	37.7	51.2
Beryllium	mg/kg	0.68	0.53	0.85	0.8	0.72	0.86	0.75	0.6	0.77
Cadmium	mg/kg	0.28	0.25	0.32	0.33	0.25	0.19	0.28	0.29U	0.43
Calcium	mg/kg	1720	461	529	467	2560	685	800	597	865
Chromium Total	mg/kg	19	16.9	23.2	21.5	16.1	23.1	21	18	27.6
Cobalt	mg/kg	15.4	10.4	13.5	13.6	16.1	17.8	12.7	10.6	14.3
Copper	mg/kg	36.2	24.7	31.3	22.4	21.2	40.3	30.5	22.8	84.9J
Cyanide (total)	mg/kg	0.58U	0.55U	0.57U	0.59U	0.66U	0.57U	0.59U	0.57U	0.61U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-TP1*	*L3-TP2*	*L3-TP2*	*L3-TP2*	*L3-TP3*	*L3-TP3*	*L3-TP3*	*L4-TP1*	*L4-TP1*
Sample ID:		*S-3698-112296-RM-11*	*S-3698-112296-RM-12*	*S-3698-112296-RM-13*	*S-3698-112296-RM-14*	*S-3698-112296-RM-15*	*S-3698-112296-RM-16*	*S-3698-112296-RM-17*	*S-3698-112296-RM-08*	*S-3698-112296-RM-09*
Sample Date:		*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*
Sample Depth:		*[8-12]*	*[5-7]*	*[3-5]*	*[3-5]*	*[5-10]*	*[3-5]*	*[12-12]*	*[2-4]*	*[4-6]*
Parameter	***Units***									
Iron	mg/kg	29800	26100	32400	32400	23100	35500	29400	26400	33200
Lead	mg/kg	15.9	11.7	25	23.4	19.3	20.3	15	10.6	21.8
Magnesium	mg/kg	5640	5260	6930	6000	3800	7780	5670	5000	6480
Manganese	mg/kg	1300	366	576	698	1770	703	1210	981	1750J
Mercury	mg/kg	0.06U	0.07	0.1	0.11	1.1	0.14	0.08	0.05U	2.4
Nickel	mg/kg	28.6	22.7	29.9	25.3	24.3	31.6	25.4	22	28.1
Potassium	mg/kg	1450	812	1970	1490	917	1630	1880	1130	1150
Selenium	mg/kg	1U	0.76U	1U	1.1U	0.37U	1U	0.57U	0.64U	1.2U
Silver	mg/kg	0.14	0.09U	0.09U	0.09U	0.11U	0.09U	0.09	0.09U	0.2
Sodium	mg/kg	165	111	130	117	229	79.1	531	309	119J
Thallium	mg/kg	0.44U	0.42U	0.51	0.45U	0.5U	0.82	0.45U	0.44U	0.47U
Vanadium	mg/kg	20.7	16.5	27.1	28.2	22.8	23.2	25.9	20.9	24
Zinc	mg/kg	91.6	66.1	93	88.6	75.3	96	75.3	63	113
TCL Pesticides/PCBs										
4,4'-DDD	µg/kg	3.8U	3.7U	3.8U	3.9U	4.8	2.4J	3.9U	3.8U	87J
4,4'-DDE	µg/kg	3.8U	3.7U	3.8U	3.9U	5.9J	3.7U	3.9U	3.8U	16J
4,4'-DDT	µg/kg	3.8U	3.7U	3.8U	3.9U	4.3U	3.7U	3.9U	3.8U	4U
Aldrin	µg/kg	2U	1.9U	1.9U	2U	2.2UJ	1.9U	2U	2U	2.1U
alpha-BHC	µg/kg	2U	1.9U	1.9U	2U	4	1.9U	1.5J	2U	2.1U
alpha-Chlordane	µg/kg	2U	1.9U	1.9U	2U	2.2U	7.3	2U	2U	2.1U
Aroclor-1016 (PCB-1016)	µg/kg	38U	37U	38U	39U	43U	37U	39U	38U	40U
Aroclor-1221 (PCB-1221)	µg/kg	78U	74U	77U	79U	88U	76U	79U	77U	82U
Aroclor-1232 (PCB-1232)	µg/kg	38U	37U	38U	39U	43U	37U	39U	38U	40U
Aroclor-1242 (PCB-1242)	µg/kg	38U	37U	38U	39U	43U	37U	39U	38U	40U
Aroclor-1248 (PCB-1248)	µg/kg	38U	37U	38U	39U	43U	37U	39U	38U	40U
Aroclor-1254 (PCB-1254)	µg/kg	38U	37U	37J	51	110	80	39U	38U	110J
Aroclor-1260 (PCB-1260)	µg/kg	38U	37U	30J	39U	43U	37U	39U	38U	71
beta-BHC	µg/kg	2U	1.9U	1.9U	2U	2.2U	1.9U	2U	2U	2.1U
delta-BHC	µg/kg	2U	1.9U	1.9U	2U	2.2U	1.9U	2U	2U	2.1U
Dieldrin	µg/kg	3.8U	3.7U	3.8U	3.9U	4.3U	3.7U	3.9U	3.8U	4U
Endosulfan I	µg/kg	2U	1.9U	1.9U	2U	2.2U	1.9U	2U	2U	2.3
Endosulfan II	µg/kg	3.8U	3.7U	3.8U	3.9U	7.6J	14	3.9U	3.8U	4.9J
Endosulfan sulfate	µg/kg	3.8U	3.7U	3.8U	3.9U	4.3U	52	3.9U	3.8U	4U
Endrin	µg/kg	3.8U	3.7U	3.8U	3.9U	5.9J	5.5	3.9U	3.8U	3.5J
Endrin aldehyde	µg/kg	3.8U	3.7U	3.8U	3.9U	34	3.7U	3.9U	3.8U	4U
Endrin ketone	µg/kg	3.8U	3.7U	3.8U	3.9U	4.3U	3.7U	3.9U	3.8U	4U
gamma-BHC (Lindane)	µg/kg	2U	1.9U	1.9U	2U	2.2U	1.9U	2U	2U	2.1U
gamma-Chlordane	µg/kg	2U	1.9U	1.9U	2U	2.2J	4.3	2U	2U	2.1U
Heptachlor	µg/kg	2U	1.9U	1.9U	2U	2.2U	1.9U	2U	2U	2.1U
Heptachlor epoxide	µg/kg	2U	1.9U	1.9U	2U	2.2U	2.2	2U	2U	3J
Methoxychlor	µg/kg	20U	19U	19U	20U	22U	19U	20U	20U	21U
Toxaphene	µg/kg	200U	190U	190U	200U	220U	190U	200U	200U	210U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-TP1*	*L3-TP2*	*L3-TP2*	*L3-TP2*	*L3-TP3*	*L3-TP3*	*L3-TP3*	*L4-TP1*	*L4-TP1*
Sample ID:		*S-3698-112296-RM-11*	*S-3698-112296-RM-12*	*S-3698-112296-RM-13*	*S-3698-112296-RM-14*	*S-3698-112296-RM-15*	*S-3698-112296-RM-16*	*S-3698-112296-RM-17*	*S-3698-112296-RM-08*	*S-3698-112296-RM-09*
Sample Date:		*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*	*11/22/1996*
Sample Depth:		*[8-12]*	*[5-7]*	*[3-5]*	*[3-5]*	*[5-10]*	*[3-5]*	*[12-12]*	*[2-4]*	*[4-6]*
Parameter	***Units***									
Wet Chemistry										
Ammonia-n	mg/kg	42.7	41.6	8.6	1.8	61.8	4.5	87	37.3	31.9
Orthophosphate	mg/kg	2.9U	2.8U	2.9U	2.9U	3.3U	2.8U	6.3	2.9U	3.1U
pH	s.u.	6.2	5.9	5.6	4.7	6.6	5.8	7.5	5.7	5.4
Total Organic Carbon (TOC)	mg/kg	3020	6100	2780	8670	27400	3770	3190	1490	21800
Total Solids	%	85.5	90.1	87.3	85.2	76.1	88.3	85.1	87.1	81.5

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-TP1*	*L4-TP2*	*L4-TP2*	*L4-TP2*	*L5-TP1*	*L5-TP2*	*L5-TP2*	*L6-TP3*
Sample ID:		*S-3698-112296-RM-10*	*S-3698-112196-RM-05*	*S-3698-112196-RM-06*	*S-3698-112196-RM-07*	*S-3698-112196-RM-01*	*S-3698-112196-RM-02*	*S-3698-112196-RM-03*	*S-3698-112196-RM-04*
Sample Date:		*11/22/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*
Sample Depth:		*[4-6]*	*[5-6]*	*[3-4]*	*[3-3]*	*[5-6]*	*[4-6]*	*[2-4]*	*[3-3]*
		Duplicate							
Parameter	***Units***								
TCL Volatiles									
1,1,1-Trichloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,1,2,2-Tetrachloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,1,2-Trichloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,1-Dichloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,1-Dichloroethene	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,2-Dichloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
1,2-Dichloroethene (total)	µg/kg	12U	12U	12U	11U	24U	4J	12U	11U
1,2-Dichloropropane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
2-Butanone (Methyl Ethyl Ketone)	µg/kg	34	12U	4J	11U	24U	30U	12U	11U
2-Hexanone	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	12U	12U	12U	11U	24U	48	12U	11U
Acetone	µg/kg	100J	15	15	11U	20J	23J	12U	11U
Benzene	µg/kg	2J	12U	12U	11U	16J	190	12U	11U
Bromodichloromethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Bromoform	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Bromomethane (Methyl Bromide)	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Carbon disulfide	µg/kg	5J	12U	12U	11U	3J	30U	12U	11U
Carbon tetrachloride	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Chlorobenzene	µg/kg	2J	12U	12U	11U	280	6900	8J	11U
Chloroethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Chloroform (Trichloromethane)	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Chloromethane (Methyl Chloride)	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
cis-1,3-Dichloropropene	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Dibromochloromethane	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Ethylbenzene	µg/kg	12U	12U	12U	11U	120	12000	9J	11U
Methylene chloride	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Styrene	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Tetrachloroethene	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Toluene	µg/kg	2J	12U	12U	11U	87	52000	34	11U
trans-1,3-Dichloropropene	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Trichloroethene	µg/kg	12U	12U	12U	11U	24U	13J	12U	11U
Vinyl chloride	µg/kg	12U	12U	12U	11U	24U	30U	12U	11U
Xylene (total)	µg/kg	12U	12U	12U	11U	240	120000	72	11U
TIC Volatiles									
2-Butoxy-Ethanol A	µg/kg	–	–	–	–	–	29J	–	–
Benzene, C3 Substitute A	µg/kg	–	–	–	–	–	–	–	–
Cyclohexane A	µg/kg	–	–	–	–	–	–	–	–
Ethylcyclopentane A	µg/kg	–	–	–	–	–	–	–	–
Methyl Cyclohexane Isomer A	µg/kg	–	–	–	–	–	19J	–	–
Methyl Pentene Isomer A	µg/kg	–	–	–	–	–	–	–	–
n-Propylbenzene A	µg/kg	–	–	–	–	–	–	–	–
Trimethyl pentane Isomer A	µg/kg	–	–	–	–	–	–	–	–
Unknown A	µg/kg	–	–	–	–	–	15J	–	–
Unknown Alkane A	µg/kg	–	–	–	–	–	28J	–	–
Unknown Alkene A	µg/kg	–	–	–	–	–	43J	–	–
Unknown Hydrocarbon A	µg/kg	–	–	–	–	–	–	–	–

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-TP1*	*L4-TP2*	*L4-TP2*	*L4-TP2*	*L5-TP1*	*L5-TP2*	*L5-TP2*	*L6-TP3*
Sample ID:		*S-3698-112296-RM-10*	*S-3698-112196-RM-05*	*S-3698-112196-RM-06*	*S-3698-112196-RM-07*	*S-3698-112196-RM-01*	*S-3698-112196-RM-02*	*S-3698-112196-RM-03*	*S-3698-112196-RM-04*
Sample Date:		*11/22/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*
Sample Depth:		*[4-6]*	*[5-6]*	*[3-4]*	*[3-3]*	*[5-6]*	*[4-6]*	*[2-4]*	*[3-3]*
		Duplicate							
Parameter	***Units***								
TCL Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
1,2-Dichlorobenzene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
1,3-Dichlorobenzene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
1,4-Dichlorobenzene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2,4,5-Trichlorophenol	µg/kg	990U	970U	980U	940U	2000U	990U	1000U	930U
2,4,6-Trichlorophenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2,4-Dichlorophenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2,4-Dimethylphenol	µg/kg	400U	390UJ	390UJ	370UJ	780UJ	390U	400UJ	370UJ
2,4-Dinitrophenol	µg/kg	990UJ	970UJ	980UJ	940UJ	2000UJ	990UJ	1000UJ	930UJ
2,4-Dinitrotoluene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2,6-Dinitrotoluene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2-Aminopyridine	µg/kg	82000J	4200J	390J	370U	1800	1200	400U	370U
2-Chloronaphthalene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2-Chlorophenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2-Methylnaphthalene	µg/kg	400U	390U	390U	370U	650J	900	400U	370U
2-Methylphenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2-Nitroaniline	µg/kg	990U	970U	980U	940U	2000U	990U	1000U	930U
2-Nitrophenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
2-Picoline	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
3,3'-Dichlorobenzidine	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
3-Nitroaniline	µg/kg	990U	970U	980U	940U	2000U	990U	1000U	930U
4,6-Dinitro-2-methylphenol	µg/kg	990U	970U	980U	940U	2000UJ	990U	1000U	930U
4-Bromophenyl phenyl ether	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
4-Chloro-3-methylphenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
4-Chloroaniline	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
4-Chlorophenyl phenyl ether	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
4-Methylphenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
4-Nitroaniline	µg/kg	990U	970U	980U	940U	2000U	990U	1000U	930U
4-Nitrophenol	µg/kg	990U	970UJ	980UJ	940UJ	2000UJ	990U	1000UJ	53J
Acenaphthene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Acenapthylene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Anthracene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Benzo(a)anthracene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Benzo(a)pyrene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Benzo(b)fluoranthene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Benzo(g,h,i)perylene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Benzo(k)fluoranthene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
bis(2-Chloroethoxy)methane	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
bis(2-Chloroethyl)ether	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
bis(2-Ethylhexyl)phthalate	µg/kg	400U	390U	41J	160J	780UJ	390U	400U	38J
Butyl benzylphthalate	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Carbazole	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Chrysene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Dibenz(a,h)anthracene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Dibenzofuran	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Diethyl phthalate	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Dimethyl phthalate	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Di-n-butylphthalate	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Di-n-octyl phthalate	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-TP1*	*L4-TP2*	*L4-TP2*	*L4-TP2*	*L5-TP1*	*L5-TP2*	*L5-TP2*	*L6-TP3*
Sample ID:		*S-3698-112296-RM-10*	*S-3698-112196-RM-05*	*S-3698-112196-RM-06*	*S-3698-112196-RM-07*	*S-3698-112196-RM-01*	*S-3698-112196-RM-02*	*S-3698-112196-RM-03*	*S-3698-112196-RM-04*
Sample Date:		*11/22/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*
Sample Depth:		*[4-6]*	*[5-6]*	*[3-4]*	*[3-3]*	*[5-6]*	*[4-6]*	*[2-4]*	*[3-3]*
		Duplicate							
Parameter	***Units***								
Fluoranthene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Fluorene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Hexachlorobenzene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Hexachlorobutadiene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Hexachlorocyclopentadiene	µg/kg	400U	390UJ	390UJ	370UJ	R	390U	400UJ	370UJ
Hexachloroethane	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Indeno(1,2,3-cd)pyrene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Isophorone	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Naphthalene	µg/kg	400U	390U	390U	370U	280J	320J	400U	370U
Nitrobenzene	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
N-Nitrosodi-n-propylamine	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
N-Nitrosodiphenylamine	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Pentachlorophenol	µg/kg	990U	970UJ	980UJ	940UJ	2000UJ	990U	1000UJ	930UJ
Phenanthrene	µg/kg	400U	390U	390U	370U	430J	390U	400U	370U
Phenol	µg/kg	400U	390U	390U	370U	780U	390U	400U	370U
Pyrene	µg/kg	400U	390U	390U	370U	780UJ	390U	400U	370U
Pyridine	µg/kg	400UJ	390UJ	390UJ	370UJ	780UJ	390UJ	400UJ	370UJ
TIC Semi-Volatiles									
1,2,3,4-Tetrahydro-naphthalene A	µg/kg	–	–	–	–	1600J	790J	–	–
2,2'-Methylenedithiophene	µg/kg	–	–	–	–	–	–	–	–
2-Chloro-5-(trifluoro)-benzenamine	µg/kg	–	–	–	–	–	–	–	–
2-Chloroethyl-benzene	µg/kg	–	–	–	–	–	–	–	–
Benzaldehyde A	µg/kg	–	–	–	–	670J	–	–	–
Benzamide	µg/kg	–	–	–	–	–	–	–	–
Benzoic acid A	µg/kg	–	–	–	–	–	–	620J	–
Bipyridine Isomer 1	µg/kg	11000J	750J	1900J	–	–	–	–	–
Diphenyl ether A	µg/kg	–	–	–	–	–	–	–	–
Ethyl-methyl-pyridine Isomer 1	µg/kg	360J	1700J	710J	–	1600J	790J	–	–
n-Propylbenzene A	µg/kg	–	–	–	–	–	–	–	–
Phenothiazine	µg/kg	–	–	–	–	–	–	–	–
Phenyl ethanone A	µg/kg	–	–	–	–	–	370J	–	–
Unknown A	µg/kg	3350J	–	940J	1690J	15200J	3420J	18640J	1320J
Unknown B	µg/kg	–	–	–	–	–	–	–	–
Unknown Acid A	µg/kg	–	–	–	–	–	–	–	–
Unknown Alkane A	µg/kg	–	–	–	–	1600J	1390J	–	–
Unknown Aromatic A	µg/kg	560J	–	–	–	760J	380J	–	370J
TAL Inorganics									
Aluminum	mg/kg	15700	14800	13900	14300	12000	13700	13900	12900
Antimony	mg/kg	0.64UJ	0.63UJ	0.63UJ	0.61UJ	0.63UJ	0.64UJ	0.65UJ	0.6UJ
Arsenic	mg/kg	6.7	5	4.5	8.1	3.7	4.1	5	7.7
Barium	mg/kg	66.8	41.3	36.5	44.4	55.6	43.4	45.9	41.1
Beryllium	mg/kg	0.74	0.76	0.63	0.8	0.66	0.71	0.65	0.65
Cadmium	mg/kg	0.6	0.35U	0.26U	0.22U	1.5	0.72	0.39	0.36
Calcium	mg/kg	786	495	392	638	9030	3830	549	683
Chromium Total	mg/kg	22.4	22.3	18.6	20.9	56.1	37.8	19.4	18.5
Cobalt	mg/kg	13.7	17.7	10.5	15.9	9.6	8.8	12.8	15
Copper	mg/kg	144J	41	33	36.6	2890	1090	29.5	36.5
Cyanide (total)	mg/kg	0.6U	0.58U	0.59U	0.56U	1.4	0.59U	0.61U	0.56U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-TP1*	*L4-TP2*	*L4-TP2*	*L4-TP2*	*L5-TP1*	*L5-TP2*	*L5-TP2*	*L6-TP3*
Sample ID:		*S-3698-112296-RM-10*	*S-3698-112196-RM-05*	*S-3698-112196-RM-06*	*S-3698-112196-RM-07*	*S-3698-112196-RM-01*	*S-3698-112196-RM-02*	*S-3698-112196-RM-03*	*S-3698-112196-RM-04*
Sample Date:		*11/22/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*
Sample Depth:		*[4-6]*	*[5-6]*	*[3-4]*	*[3-3]*	*[5-6]*	*[4-6]*	*[2-4]*	*[3-3]*
		Duplicate							
Parameter	***Units***								
Iron	mg/kg	24100	33200	25100	34200	31600	33200	27800	30400
Lead	mg/kg	19.6	15.1	11.3	18.4	50	27.9	16.3	18.1
Magnesium	mg/kg	4700	7380	5140	6810	6380	7070	5960	6060
Manganese	mg/kg	1000J	788	672	994	1070	991	879	1060
Mercury	mg/kg	1.9	0.06U	0.13	0.34	61.7	26.5	2.9	1.2
Nickel	mg/kg	26.2	33.1	23.6	28.4	40.9	35.4	25.6	26.6
Potassium	mg/kg	1880	1490	1230	1200	1390	1690	1100	1330
Selenium	mg/kg	0.89U	1.1U	0.82U	0.99U	0.99U	0.89U	0.63U	0.8U
Silver	mg/kg	0.1U	0.09	0.09U	0.11	0.24	0.12	0.1U	0.09
Sodium	mg/kg	225J	145	116	50.9	485	360	63.4	79.5
Thallium	mg/kg	0.45U	0.44U	0.45U	0.43U	0.45U	0.45U	0.46U	0.42U
Vanadium	mg/kg	27.1	22.3	20.2	20.8	17.3	19.8	20.2	18.9
Zinc	mg/kg	122	95.5	65.4	86.7	1010	391	75.5	87
TCL Pesticides/PCBs									
4,4'-DDD	µg/kg	110J	3.8U	3.9U	3.7U	3.9U	3.9U	4U	3.7U
4,4'-DDE	µg/kg	27J	3.8U	3.9U	2.7J	58J	44J	4U	3.7U
4,4'-DDT	µg/kg	3.9U	3.8U	3.9U	3.7U	3.9U	3.9U	3.5J	3.7U
Aldrin	µg/kg	1.4J	2U	2U	1.9U	2U	2U	2.1U	1.9U
alpha-BHC	µg/kg	2U	2U	2U	1.9U	2.4J	1.5J	2.1U	1.9U
alpha-Chlordane	µg/kg	2U	2U	2U	1.9U	14J	13J	2.1U	1.9U
Aroclor-1016 (PCB-1016)	µg/kg	39U	38U	39U	37U	39U	39U	40U	37U
Aroclor-1221 (PCB-1221)	µg/kg	80U	78U	79U	75U	79U	79U	81U	75U
Aroclor-1232 (PCB-1232)	µg/kg	39U	38U	39U	37U	39U	39U	40U	37U
Aroclor-1242 (PCB-1242)	µg/kg	39U	38U	39U	37U	39U	39U	40U	37U
Aroclor-1248 (PCB-1248)	µg/kg	39U	38U	39U	37U	39U	39U	40U	37U
Aroclor-1254 (PCB-1254)	µg/kg	210J	38U	39U	22J	1200J	910	290	110
Aroclor-1260 (PCB-1260)	µg/kg	100	38U	39U	37U	700J	290J	40U	37U
beta-BHC	µg/kg	2U	2U	2U	1.9U	4.3J	2U	2.1U	1.9U
delta-BHC	µg/kg	2U	2U	2U	1.9U	2U	2U	2.1U	1.9U
Dieldrin	µg/kg	3.9U	3.8U	3.9U	3.7U	10J	8.2J	3.1J	3.7U
Endosulfan I	µg/kg	3.1	2U	2U	1.9U	32J	27	2.1U	1.9U
Endosulfan II	µg/kg	10J	3.8U	3.9U	3.7U	52J	31J	4U	3.7U
Endosulfan sulfate	µg/kg	3.9U	3.8U	3.9U	3.7U	3.9U	3.9U	3.8J	3.7U
Endrin	µg/kg	4.4J	3.8U	3.9U	3.7U	16J	9J	2.7J	3.7U
Endrin aldehyde	µg/kg	3.9U	3.8U	3.9U	3.7U	R	R	3.4J	3.7U
Endrin ketone	µg/kg	3.9U	3.8U	3.9U	3.7U	14J	3.9U	4U	3.7U
gamma-BHC (Lindane)	µg/kg	2U	2U	2U	1.9U	2U	2U	2.1U	1.9U
gamma-Chlordane	µg/kg	3.4J	2U	2U	1.9U	16J	12J	3.1J	1.9U
Heptachlor	µg/kg	2U	2U	2U	1.9U	2U	2U	2.1U	1.9U
Heptachlor epoxide	µg/kg	5.9J	2U	2U	1.9U	2U	2U	3.6J	1J
Methoxychlor	µg/kg	20U	20U	20U	19U	23J	20U	21U	19U
Toxaphene	µg/kg	200U	200U	200U	190U	200U	200U	210U	190U

TABLE I.1-6

ANALYTICAL RESULTS SUMMARY
SURFACE SOIL SAMPLING - 1996
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-TP1*	*L4-TP2*	*L4-TP2*	*L4-TP2*	*L5-TP1*	*L5-TP2*	*L5-TP2*	*L6-TP3*
Sample ID:		*S-3698-112296-RM-10*	*S-3698-112196-RM-05*	*S-3698-112196-RM-06*	*S-3698-112196-RM-07*	*S-3698-112196-RM-01*	*S-3698-112196-RM-02*	*S-3698-112196-RM-03*	*S-3698-112196-RM-04*
Sample Date:		*11/22/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*	*11/21/1996*
Sample Depth:		*[4-6]*	*[5-6]*	*[3-4]*	*[3-3]*	*[5-6]*	*[4-6]*	*[2-4]*	*[3-3]*
		Duplicate							
Parameter	***Units***								
Wet Chemistry									
Ammonia-n	mg/kg	25	8.7	18.2	3.4	13	82.7	6.7	7.3
Orthophosphate	mg/kg	3U	2.9	2.9U	4.4	2.9U	3U	3U	2.8U
pH	s.u.	5.6	5.7	5.9	4.5	7	7.1	6	5.6
Total Organic Carbon (TOC)	mg/kg	18500	2710	2030	5550	109000	76900	3860	1930
Total Solids	%	84	86.2	85.2	89	85	84.6	82.5	89.6

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-1	L1-1	L1-2	L1-2	L1-3	L1-3	L1-4	L1-4	L1-4	L1-5	L1-5	L1-5	L1-6	L1-6
Sample ID:		S-050903-SW-123	S-050903-SW-124	S-050903-SW-125	S-050903-SW-126	S-050903-SW-127	S-050903-SW-128	S-050903-SW-129	S-050903-SW-130	S-050903-SW-131	S-050903-SW-135	S-050903-SW-136	S-050903-SW-137	S-050903-SW-132	S-050903-SW-133
Sample Date:		05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003
Sample Depth:		[4-5]	[5-6]	[4-5]	[5-6]	[0.5-2]	[2-3]	[2-3.5]	[3.5-5]	[3.5-5]	[4-6]	[4-6]	[7-9]	[7-9]	[7-9]
										Duplicate		Duplicate			Duplicate
Parameter	Units														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	4.0	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	2.2J	1.9J	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	4.4J	R	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	3.9U	3.8U	3.6U	3.6UJ	3.8U	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	2.0JN	3.9J	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	2.0U	1.9U	1.9U	1.9UJ	1.9U	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	20U	19U	19U	19UJ	19U	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	200U	190U	190U	190UJ	190U	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	14500	13800	13800	16400	15300	16700	16400	12900	--	10500	6840	2940	12900	12200
Antimony	mg/Kg	0.51UJ	0.49UJ	0.49UJ	0.50UJ	0.53UJ	0.50UJ	0.48UJ	0.49UJ	--	0.49UJ	0.47UJ	0.50UJ	0.49UJ	0.48UJ
Arsenic	mg/Kg	7.6J	6.5J	7.7J	9.2J	8.3J	7.9J	6.9J	5.6J	--	5.4J	4.7J	5.0J	6.1J	6.3J
Barium	mg/Kg	50.0	37.6J	43.3J	53.0	56.6	91.7	61.4	43.2J	--	27.9J	26.5J	36.7J	36.9J	39.0J
Beryllium	mg/Kg	0.78J	0.62J	0.69J	0.81J	0.74J	0.83J	0.85J	0.65J	--	0.39J	0.37J	0.16J	0.63J	0.59J
Cadmium	mg/Kg	0.023U	0.022U	0.022U	0.023U	0.024U	0.11J	0.022U	0.022U	--	0.022U	0.021U	0.023U	0.022U	0.022U
Calcium	mg/kg	452J	402J	592J	625J	729J	616J	631J	632J	--	491J	364J	331J	421J	491J
Chromium Total	mg/Kg	16.9	16.6	17.4	21.0	18.9	18.1	19.6	19.1	--	19.3	9.7	9.0	18.5	16.9
Cobalt	mg/Kg	14.0	11.9	16.4	19.4	13.8	12.5	14.2	9.2J	--	6.0J	6.6J	2.5J	9.3J	7.7J
Copper	mg/Kg	23.3	26.2	29.8	36.0	29.6	21.1	26.3	28.6	--	38.2	22.0	29.3J	31.9	29.1
Cyanide (total)	mg/Kg	0.58U	2.4	0.56U	4.0	0.60U	0.57U	0.55U	1.3	--	0.55U	1.2	1.4	0.56U	0.59
Iron	mg/Kg	27600	25600	26700	31700	28100	26300	28300	27700	--	23800	12300	8720	27200	24100
Lead	mg/Kg	18.7	12.5	18.3	18.9	24.9	22.9	18.1	15.5	--	24.7	23.0	42.8	13.2	11.7
Magnesium	mg/kg	5340	5450	6310	7270	6410	5130	6520	6470	--	5710	3020	1310	5260	4780
Manganese	mg/kg	983	1620	1170	996	1120	1490	1270	425	--	368	298	92.7J	1220	1050
Mercury	mg/Kg	0.058U	0.055U	0.056U	0.057U	0.31	0.074J	0.055U	1.2	--	10.7	10.5	2.8	0.10J	0.16
Mercury	ug/g	--	--	--	--	--	--	--	--	--	1.546	--	0.652	--	--
Nickel	mg/Kg	23.4	22.9	25.9	29.2	24.9	21.8	25.6	27.5	--	20.5	12.0	6.4J	23.3	20.4
Potassium	mg/kg	759J	788J	927J	1160	1030J	928J	998J	1010J	--	1300	1430	1110J	801J	1110
Selenium	mg/Kg	0.51UJ	0.49UJ	0.49UJ	0.50UJ	0.53UJ	0.50UJ	0.48UJ	0.49UJ	--	0.49UJ	0.47UJ	0.50U	0.49UJ	0.48UJ
Silver	mg/kg	0.13J	0.089U	0.15J	0.091U	0.14J	0.092J	0.11J	0.088U	--	0.12J	0.21J	0.13J	0.12J	0.088U
Sodium	mg/Kg	42.7J	25.9J	34.2J	35.0J	42.1J	34.5J	32.8J	64.1J	--	58.3J	47.2J	99.9J	83.3J	84.5J
Thallium	mg/Kg	0.64J	0.51U	0.52U	0.69J	0.55U	0.53U	0.86J	0.76J	--	0.51U	0.49U	0.68J	0.62J	0.51U
Vanadium	mg/Kg	20.4	18.2	18.4	21.9	21.3	24.2	22.5	19.9	--	19.5	14.3	6.9J	19.8	18.6
Zinc	mg/Kg	77.1J	65.1J	79.8J	85.3J	78.4J	85.0J	73.0J	79.9J	--	71.9J	37.0J	20.7	73.8J	68.5J

TABLE L1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-1	L1-1	L1-2	L1-2	L1-3	L1-3	L1-4	L1-4	L1-4	L1-5	L1-5	L1-5	L1-6	L1-6
Sample ID:		S-050903-SW-123	S-050903-SW-124	S-050903-SW-125	S-050903-SW-126	S-050903-SW-127	S-050903-SW-128	S-050903-SW-129	S-050903-SW-130	S-050903-SW-131	S-050903-SW-135	S-050903-SW-136	S-050903-SW-137	S-050903-SW-132	S-050903-SW-133
Sample Date:		05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003
Sample Depth:		[4-5]	[5-6]	[4-5]	[5-6]	[0.5-2]	[2-3]	[2-3.5]	[3.5-5]	[3.5-5]	[4-6]	[4-6]	[7-9]	[7-9]	[7-9]
										Duplicate		Duplicate			Duplicate
Parameter	Units														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	--	--	1.436	--	0.534	--	--
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	--	--	0.0355	--	0.0141	--	--
Methyl mercury	ug/g	--	--	--	--	--	--	--	--	--	0.000503J	--	0.00230	--	--
Solids @ 180 C	%	--	--	--	--	--	--	--	--	--	90.22	--	84.94	--	--
Total Solids	%	85.5	90.1	89.2	88.1	83.6	87.3	91.4	90.6	87.2	90.6	93.9	87.8	89.3	90.9

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L1-6*	*L1-7*	*L1-7*	*L1-8*	*L1-8*	*L2-1*	*L2-1*	*L2-2*	*L2-2*	*L2-3*	*L2-3*	*L2-4*	*L2-4*	*L2-5*
Sample ID:		*S-050903-SW-134*	*S-050903-SW-138*	*S-050903-SW-139*	*S-050903-SW-140*	*S-050903-SW-141*	*S-050903-SW-160*	*S-050903-SW-161*	*S-050903-SW-153*	*S-050903-SW-154*	*S-050903-SW-151*	*S-050903-SW-152*	*S-050903-SW-149*	*S-050903-SW-150*	*S-050903-SW-155*
Sample Date:		*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*
Sample Depth:		*[9-11]*	*[1-3]*	*[5-7]*	*[4-6]*	*[9-10]*	*[4-5]*	*[7-9]*	*[2-4]*	*[4-6]*	*[2-4]*	*[4-5]*	*[2-3]*	*[3-5]*	*[2-4]*
Parameter	*Units*														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7U
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9U
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	19U
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	190U
TAL Inorganics															
Aluminum	mg/Kg	11700	11600	13400	15000	16000	12800	13500	10800	11500	15600	12500	14800	14700	17000
Antimony	mg/Kg	0.51UJ	0.52UJ	0.51UJ	0.51UJ	0.49UJ	0.50UJ	0.47UJ	0.48UJ	0.46UJ	0.48UJ	0.48UJ	0.51UJ	0.49UJ	0.49UJ
Arsenic	mg/kg	7.3J	5.7J	4.5J	4.0J	6.2J	4.5	3.8	6.4J	6.2J	8.3J	8.2J	8.2J	7.7J	12.8J
Barium	mg/Kg	28.3J	55.3	29.3J	59.4	41.7J	31.2J	21.2J	35.2J	39.5J	55.4	28.7J	74.6	59.1	39.1J
Beryllium	mg/Kg	0.64J	0.43J	0.61J	0.64J	0.94J	0.66J	0.50J	0.58J	0.57J	0.76J	0.63J	0.76J	0.81J	0.84J
Cadmium	mg/Kg	0.023U	0.023U	0.051J	0.033J	0.022U	0.18J	0.088J	0.54J	0.048J	0.11J	0.024J	0.076J	0.067J	0.022U
Calcium	mg/Kg	765J	1140J	524J	904J	755J	1220	2730	2690	490J	983J	542J	491J	632J	598J
Chromium Total	mg/Kg	21.3	16.3	16.6	17.2	20.3	17.7	24.5	32.5	13.7	18.7	16.2	16.2	17.5	21.2
Cobalt	mg/Kg	8.3J	6.4J	11.8	10.5J	10.5J	10.1J	6.8J	10.2J	18.0	15.5	13.7	12.5	15.8	18.9
Copper	mg/Kg	35.1	21.5J	26.2J	20.8J	28.9J	38.2	32.3	63.1J	20.6J	29.9J	31.1J	19.3J	24.4J	38.3J
Cyanide (total)	mg/Kg	1.3	0.59U	0.58U	0.58U	0.56U	0.57U	0.54U	0.54U	0.52U	0.55U	0.55U	0.58U	0.56U	0.55U
Iron	mg/Kg	25700	27900	25900	25800	27900	25100	30100	24700	21000	29000	25800	25300	24900	34500
Lead	mg/Kg	18.8	14.9	10.2	13.3	14.4	13.9	17.3	40.7	15.3	19.3	16.3	19.0	26.2	21.6
Magnesium	mg/Kg	5830	4540	5710	5140	6270	5790	8270	5730	4460	6530	6190	5030	5710	7990
Manganese	mg/kg	750	460J	1440J	1640J	713J	599	709	463J	778J	1240J	991J	1440J	1340J	1170J
Mercury	mg/Kg	0.49	0.35	0.058U	0.058U	0.17	0.72J	0.36J	0.054U	17.0	0.055U	0.055U	0.058U	0.056U	0.055U
Mercury	ug/g	--	--	--	--	--	--	--	--	1.179	--	--	--	--	--
Nickel	mg/Kg	25.2	20.6	24.3	22.1	27.3	24.7	26.0	32.9	20.7	26.8	25.1	21.3	24.1	29.6
Potassium	mg/kg	1240	724J	930J	687J	1480	1080J	870J	609J	604J	961J	842J	702J	722J	1190
Selenium	mg/Kg	0.51UJ	0.52U	0.51U	0.51U	0.49U	0.50U	0.47U	0.48U	0.46U	0.48U	0.48U	0.51U	0.49U	0.49U
Silver	mg/kg	0.093U	0.10J	0.093U	0.093U	0.089U	0.17J	0.18J	0.087U	0.084U	0.088U	0.088U	0.092U	0.089U	0.091J
Sodium	mg/Kg	77.7J	136J	354J	147J	145J	90.1J	94.0J	61.1J	33.5J	42.9J	33.8J	38.5J	37.6J	40.9J
Thallium	mg/Kg	0.79J	1.5J	0.77J	0.66J	1.4J	0.58J	0.61J	1.1J	1.1J	1.0J	1.3J	0.78J	0.77J	1.1J
Vanadium	mg/Kg	18.3	20.2	19.0	20.4	23.7	17.2	17.7	17.0	16.0	20.4	16.1	19.6	20.2	21.8
Zinc	mg/Kg	84.6J	68.4	65.1	65.3	77.0	84.1	85.6	109	56.5	81.4	62.5	71.7	75.2	87.9

TABLE L1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L1-6	L1-7	L1-7	L1-8	L1-8	L2-1	L2-1	L2-2	L2-2	L2-3	L2-3	L2-4	L2-4	L2-5
Sample ID:		S-050903-SW-134	S-050903-SW-138	S-050903-SW-139	S-050903-SW-140	S-050903-SW-141	S-050903-SW-160	S-050903-SW-161	S-050903-SW-153	S-050903-SW-154	S-050903-SW-151	S-050903-SW-152	S-050903-SW-149	S-050903-SW-150	S-050903-SW-155
Sample Date:		05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003
Sample Depth:		[9-11]	[1-3]	[5-7]	[4-6]	[9-10]	[4-5]	[7-9]	[2-4]	[4-6]	[2-4]	[4-5]	[2-3]	[3-5]	[2-4]
Parameter	Units														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	--	0.697	--	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	--	0.120	--	--	--	--	--
Methyl mercury	ug/g	--	--	--	--	--	--	--	--	0.000523	--	--	--	--	--
Solids @ 180 C	%	--	--	--	--	--	--	--	--	97.07	--	--	--	--	--
Total Solids	%	85.6	85.2	85.6	86.1	89.4	87.4	92.8	92.4	95.7	90.9	90.9	86.5	89.5	90.2

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L2-5	L2-6	L2-6	L2-7	L2-7	L2-8	L2-8	L2-9	L2-9	L2-9	L2-10	L2-10	L2-10	L2-11
Sample ID:		S-050903-SW-156	S-050903-SW-147	S-050903-SW-148	S-050903-SW-142	S-050903-SW-143	S-050903-SW-162	S-050903-SW-163	S-050903-SW-157	S-050903-SW-158	S-050903-SW-159	S-050903-SW-164	S-050903-SW-165	S-050903-SW-166	S-050903-SW-144
Sample Date:		05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003	05/09/2003
Sample Depth:		[4-5]	[2-4]	[4-5]	[2-4]	[4-6]	[4-6]	[7-8]	[5-7]	[10-12]	[10-12] Duplicate	[4-6]	[10-12]	[10-12] Duplicate	[4-6]
Parameter	Units														
TCL Pesticides															
4,4'-DDD	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	3.7U	--	--
4,4'-DDE	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8J	8.4	--	--
4,4'-DDT	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	3.7U	--	--
Aldrin	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
alpha-BHC	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
alpha-Chlordane	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
beta-BHC	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
delta-BHC	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
Dieldrin	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	2.1J	--	--
Endosulfan I	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	6.3JN	--	--
Endosulfan II	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	13	--	--
Endosulfan sulfate	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	3.7U	--	--
Endrin	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	3.7U	--	--
Endrin aldehyde	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	R	R	--	--
Endrin ketone	ug/kg	3.7U	--	--	--	--	--	--	--	--	--	3.8U	3.7U	--	--
gamma-BHC (Lindane)	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
gamma-Chlordane	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	3.6J	26	--	--
Heptachlor	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	R	--	--
Heptachlor epoxide	ug/kg	1.9U	--	--	--	--	--	--	--	--	--	2.0U	1.9U	--	--
Methoxychlor	ug/kg	19U	--	--	--	--	--	--	--	--	--	20U	19U	--	--
Toxaphene	ug/kg	190U	--	--	--	--	--	--	--	--	--	200U	190U	--	--
TAL Inorganics															
Aluminum	mg/Kg	17600	15400	16000	14700	12400	12400	15500	16400	11600	10900	15900	11700	11400	8640
Antimony	mg/Kg	0.49UJ	0.49UJ	0.51UJ	0.48UJ	0.47UJ	0.51UJ	0.48UJ	0.50UJ	0.50UJ	0.50UJ	0.51UJ	0.49UJ	0.49UJ	0.47UJ
Arsenic	mg/kg	11.9J	12.3J	7.0J	11.5J	7.4J	5.5	5.9	5.8	6.1	6.5	6.8	5.0	4.5	3.5J
Barium	mg/Kg	41.4J	54.2J	54.0	28.7J	29.4J	46.9	27.5J	22.0J	26.5J	14.7J	43.5J	22.6J	26.2J	19.3J
Beryllium	mg/Kg	0.91J	0.73J	0.74J	0.65J	0.59J	0.55J	0.71J	0.67J	0.55J	0.50J	0.78J	0.54J	0.51J	0.53J
Cadmium	mg/Kg	0.11J	0.022U	0.023U	0.022U	0.54J	0.96J	0.16J	0.073J	0.096J	0.083J	0.41J	0.096J	0.076J	0.021U
Calcium	mg/kg	1230	563J	967J	706J	2360	11000	1020J	303J	643J	330J	2590	482J	552J	644J
Chromium Total	mg/Kg	23.1	18.4	19.1	19.3	41.3	54.8	21.7	20.4	16.2	16.7	26.2	16.7	15.7	12.9
Cobalt	mg/Kg	19.5	16.4	14.2	14.1	7.5J	9.9J	8.3J	10.5J	6.3J	5.3J	6.3J	9.5J	7.7J	6.5J
Copper	mg/Kg	42.1J	31.4J	27.5J	37.2J	148J	85.1	42.3	44.5	28.8	29.6	43.8	33.5	27.1	27.2J
Cyanide (total)	mg/Kg	0.56U	0.56U	0.58U	0.55U	0.66	1.2	1.2	0.57U	0.57U	0.56U	0.58U	0.56U	0.56U	0.53U
Iron	mg/Kg	32700	31200	29700	29600	32000	24800	30200	29900	24300	25400	30100	24900	23500	18700
Lead	mg/Kg	20.5	20.7	15.7	23.6	39.4	36.5	15.4	13.7	11.3	12.5	20.3	10.9	10.2	11.9
Magnesium	mg/kg	8090	6880	6090	7690	7480	6010	7940	6270	4990	5000	6420	5430	4780	5020
Manganese	mg/kg	1420J	1050J	977J	792J	364J	1060	363	353	374	319	572	591	533	367J
Mercury	mg/Kg	0.35	0.056U	0.058U	0.055U	30.1	14.1J	2.0J	0.057UJ	0.067J	0.079J	20.0J	0.082J	0.14J	0.073J
Mercury	ug/g	--	--	--	--	1.788	11.548	--	--	--	--	7.763	--	--	--
Nickel	mg/Kg	31.1	26.3	26.5	26.9	31.0	29.9	27.9	26.2	20.0	18.8	25.2	21.0	19.5	17.8
Potassium	mg/kg	1680	892J	929J	953J	886J	858J	1400	651J	1150	896J	1280	784J	985J	674J
Selenium	mg/Kg	0.49U	0.49U	0.51U	0.48U	0.47U	0.51U	0.48U	0.50U	0.50U	0.50U	0.51U	0.49U	0.49U	0.47U
Silver	mg/kg	0.10J	0.090U	0.11J	0.088U	0.18J	0.12J	0.16J	0.14J	0.15J	0.13J	0.17J	0.13J	0.12J	0.086U
Sodium	mg/Kg	43.1J	36.4J	46.4J	35.3J	76.4J	445J	204J	633J	383J	412J	259J	358J	324J	60.0J
Thallium	mg/Kg	1.4J	1.2J	1.6J	1.4J	2.0J	0.54U	0.59J	0.90J	0.53U	0.67J	0.66J	0.51U	0.51U	1.2J
Vanadium	mg/Kg	23.0	19.6	21.4	18.2	17.8	17.5	19.1	20.9	17.0	16.7	22.4	16.3	15.7	10.8
Zinc	mg/Kg	88.5	80.5	77.7	70.9	135	117	85.5	73.7	80.6	69.6	209	80.9	84.8	56.8

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L2-5*	*L2-6*	*L2-6*	*L2-7*	*L2-7*	*L2-8*	*L2-8*	*L2-9*	*L2-9*	*L2-9*	*L2-10*	*L2-10*	*L2-10*	*L2-11*
Sample ID:		*S-050903-SW-156*	*S-050903-SW-147*	*S-050903-SW-148*	*S-050903-SW-142*	*S-050903-SW-143*	*S-050903-SW-162*	*S-050903-SW-163*	*S-050903-SW-157*	*S-050903-SW-158*	*S-050903-SW-159*	*S-050903-SW-164*	*S-050903-SW-165*	*S-050903-SW-166*	*S-050903-SW-144*
Sample Date:		*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*	*05/09/2003*
Sample Depth:		*[4-5]*	*[2-4]*	*[4-5]*	*[2-4]*	*[4-6]*	*[4-6]*	*[7-8]*	*[5-7]*	*[10-12]*	*[10-12]*	*[4-6]*	*[10-12]*	*[10-12]*	*[4-6]*
											Duplicate			*Duplicate*	
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	1.086	9.473	--	--	--	--	7.756	--	--	--
Mercury Sulfide	ug/g	--	--	--	--	0.116	1.174	--	--	--	--	1.997	--	--	--
Methyl mercury	ug/g	--	--	--	--	0.000771J	0.00733J	--	--	--	--	0.0122J	--	--	--
Solids @ 180 C	%	--	--	--	--	92.07	82.77	--	--	--	--	86.57	--	--	--
Total Solids	%	89.7	89.3	86.1	91.0	94.0	85.8	92.6	87.6	87.6	88.7	86.7	89.4	89.6	93.5

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L2-11*	*L2-11*	*L3-1*	*L3-1*	*L3-2*	*L3-2*	*L3-2*	*L3-3*	*L3-3*	*L3-4*	*L3-4*	*L3-5*	*L3-5*	*L3-6*
Sample ID:		*S-050903-SW-145*	*S-050903-SW-146*	*S-050803-SW-117*	*S-050803-SW-118*	*S-050803-SW-114*	*S-050803-SW-115*	*S-050803-SW-116*	*S-050803-SW-112*	*S-050803-SW-113*	*S-050803-SW-119*	*S-050803-SW-120*	*S-050803-SW-099*	*S-050803-SW-100*	*S-050803-SW-110*
Sample Date:		*05/09/2003*	*05/09/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[9-11]*	*[9-11]*	*[8-10]*	*[12-14]*	*[4-6]*	*[13-15]*	*[13-15]*	*[5-7]*	*[8-10]*	*[5-7]*	*[8-10]*	*[8-10]*	*[18-20]*	*[8-10]*
								Duplicate							
Parameter	*Units*														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	11100	9720	14600	10700	16700	14000	10600	18100	10100	15500	13500	8440	10000	15000
Antimony	mg/Kg	0.50UJ	0.49UJ	0.56UJ	0.51UJ	0.54UJ	0.51UJ	0.54UJ	0.56UJ	0.50UJ	0.56UJ	0.52UJ	0.54UJ	0.48UJ	0.51UJ
Arsenic	mg/kg	4.2J	4.6J	3.7J	3.2J	5.0	6.7	4.8J	5.2	5.0	2.9J	4.5J	3.0	4.8	6.0
Barium	mg/Kg	23.6J	18.5J	112	23.8J	114	44.5J	31.0J	69.1	47.8	73.2	42.1J	19.2J	26.1J	37.9J
Beryllium	mg/Kg	0.54J	0.53J	0.79J	0.51J	0.75J	0.65J	0.50J	0.56J	0.52J	0.61J	0.57J	0.36J	0.49J	0.69J
Cadmium	mg/Kg	0.034J	0.040J	0.046J	0.023U	0.31J	0.28J	0.024U	0.19J	0.19J	0.026U	0.024U	0.12J	0.23J	0.23J
Calcium	mg/kg	1310	1330	932J	1130J	982J	545J	436J	748J	270J	863J	777J	606J	1420J	802J
Chromium Total	mg/Kg	17.2	15.1	14.8	15.4	15.5	17.7	14.0	17.8	13.8	14.4	15.9	10.9	14.3	21.1
Cobalt	mg/Kg	8.2J	8.4J	10.6J	8.6J	10.4J	11.7	10.2J	14.0	7.4J	7.8J	12.7	6.4J	10.5J	14.6
Copper	mg/Kg	22.2J	26.1J	14.2	93.6	12.9	30.1	24.6	17.0	19.5	11.0	21.5	13.8	29.3	33.8
Cyanide (total)	mg/Kg	0.56U	0.55U	1.0	0.58U	0.62U	0.58U	0.61U	0.64U	0.57U	0.64U	0.60U	0.62U	0.55U	0.58U
Iron	mg/Kg	23000	22500	21000	24000	21000	26700	22700	26000	23400	19000	24500	16300	23100	30900
Lead	mg/Kg	10.4	14.2	16.9	16.0	15.8	14.1	11.7	14.9	9.4	9.8	12.0	6.2	11.8	13.3
Magnesium	mg/kg	5220	4910	3420	5390	3370	5590	4420	4120	4470	3260	4060	3590	4920	7510
Manganese	mg/kg	439J	404J	1320	995	1560	1270	733	1220	525	1340	1480	309	686	625
Mercury	mg/Kg	0.066J	0.12	0.074J	0.058U	0.062U	0.058U	0.061U	0.18	0.057U	0.064U	0.060U	0.062U	0.055U	0.058U
Mercury	ug/g	--	--	--	--	--	--	--	0.347	--	--	--	--	--	--
Nickel	mg/Kg	21.7	19.9	18.7	22.0	17.2	24.6	21.6	18.0	17.6	15.3	20.0	15.4	23.0	33.0
Potassium	mg/kg	1340	623J	685J	582J	828J	1350J	349J	963J	754J	681J	729J	687J	800J	963J
Selenium	mg/Kg	0.50U	0.49U	0.56UJ	0.51UJ	0.56J	0.51U	0.54UJ	0.56U	0.50U	0.56UJ	0.52UJ	0.54U	0.48U	0.51U
Silver	mg/kg	0.090U	0.12J	0.10U	0.093U	0.15J	0.13J	0.098U	0.10U	0.091U	0.18J	0.095U	0.099U	0.088U	0.15J
Sodium	mg/Kg	150J	153J	107J	212J	344J	484J	393J	128J	379J	104J	151J	145J	595J	115J
Thallium	mg/Kg	1.3J	1.5J	0.58U	0.59J	0.57U	0.71J	0.56U	0.59U	1.3J	0.59U	0.55U	0.82J	0.90J	1.7J
Vanadium	mg/Kg	16.2	14.0	20.0	16.6	22.5	20.8	15.5	27.0	15.3	20.3	20.4	12.6	15.7	22.0
Zinc	mg/Kg	93.7	89.0	69.9J	133J	70.9	75.7	63.9J	61.4	51.8	51.3J	46.6J	42.1	77.7	84.3

TABLE L1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L2-11*	*L2-11*	*L3-1*	*L3-1*	*L3-2*	*L3-2*	*L3-2*	*L3-3*	*L3-3*	*L3-4*	*L3-4*	*L3-5*	*L3-5*	*L3-6*
Sample ID:		*S-050903-SW-145*	*S-050903-SW-146*	*S-050803-SW-117*	*S-050803-SW-118*	*S-050803-SW-114*	*S-050803-SW-115*	*S-050803-SW-116*	*S-050803-SW-112*	*S-050803-SW-113*	*S-050803-SW-119*	*S-050803-SW-120*	*S-050803-SW-099*	*S-050803-SW-100*	*S-050803-SW-110*
Sample Date:		*05/09/2003*	*05/09/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[9-11]*	*[9-11]*	*[8-10]*	*[12-14]*	*[4-6]*	*[13-15]*	*[13-15]*	*[5-7]*	*[8-10]*	*[5-7]*	*[8-10]*	*[8-10]*	*[18-20]*	*[8-10]*
								Duplicate							
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	0.266	--	--	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	0.0183	--	--	--	--	--	--
Methyl mercury	ug/g	--	--	--	--	--	--	--	0.001421	--	--	--	--	--	--
Solids @ 180 C	%	--	--	--	--	--	--	--	78.1	--	--	--	--	--	--
Total Solids	%	88.5	90.3	78.8	85.9	81.1	85.7	81.7	78.2	88.0	78.0	83.9	81.2	91.4	85.8

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-6*	*L3-7*	*L3-7*	*L3-8*	*L3-8*	*L3-8*	*L3-9*	*L3-9*	*L3-10*	*L3-10*	*L3-10*	*L3-11*	*L3-11*	*L3-12*
Sample ID:		*S-050803-SW-111*	*S-050803-SW-101*	*S-050803-SW-102*	*S-050803-SW-096*	*S-050803-SW-097*	*S-050803-SW-098*	*S-050803-SW-108*	*S-050803-SW-109*	*S-050803-SW-105*	*S-050803-SW-106*	*S-050803-SW-107*	*S-050803-SW-103*	*S-050803-SW-104*	*S-050803-SW-094*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[12-14]*	*[6-8]*	*[8-10]*	*[13-15]*	*[17-19]*	*[17-19]*	*[7-9]*	*[12-14]*	*[3-5]*	*[7-8]*	*[7-8]*	*[4-6]*	*[7-9]*	*[1-3]*
							Duplicate					*Duplicate*			
Parameter	*Units*														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	9460	13700	13200	12300	12200	6940	12500	12400	13200	14600	15900	18400	9380	17700
Antimony	mg/Kg	0.50UJ	0.50UJ	0.49UJ	0.52UJ	0.52UJ	0.47UJ	0.50UJ	0.55UJ	0.53UJ	0.50UJ	0.52UJ	0.50UJ	0.50UJ	0.54UJ
Arsenic	mg/kg	6.6	5.0	6.9	6.3	6.7	2.7	5.1	4.2	3.5	5.8	6.2	5.8	5.2	4.5
Barium	mg/Kg	36.4J	37.7J	47.6	41.2J	44.0J	14.9J	31.4J	31.1J	54.3	41.1J	40.7J	51.8	28.5J	58.3
Beryllium	mg/Kg	0.47J	0.64J	0.67J	0.65J	0.61J	0.33J	0.60J	0.59J	0.43J	0.62J	0.80J	0.80J	0.45J	0.61J
Cadmium	mg/Kg	0.33J	0.15J	0.21J	0.18J	0.15J	0.14J	0.18J	0.18J	0.22J	0.18J	0.21J	0.25J	0.17J	0.029J
Calcium	mg/kg	27100J	301J	1170J	1320J	1240J	2950J	648J	731J	1200J	650J	666J	415J	630J	352J
Chromium Total	mg/Kg	13.4	16.5	17.9	16.6	16.8	9.7	16.2	18.3	15.5	17.6	17.7	18.2	12.7	18.6
Cobalt	mg/Kg	9.9J	6.7J	12.9	12.8	12.0	5.8J	10.5J	10.6J	6.7J	11.2J	11.2J	14.0	9.7J	10.4J
Copper	mg/Kg	30.3	27.6	33.1	33.8	37.7	16.5	29.8	28.0	16.1	23.4	30.0	25.3	25.5	13.6
Cyanide (total)	mg/Kg	0.57U	0.57U	0.56U	0.59U	0.59U	0.53U	0.57U	0.62U	0.60U	0.57U	0.59U	0.57U	0.80	1.7
Iron	mg/Kg	22800	29500	27900	27200	25900	16200	26800	27000	16100	24700	28500	27200	21300	23300
Lead	mg/Kg	11.5	14.0	14.4	13.7	14.2	6.6	12.9	11.7	10.4	12.5	19.8	14.9	10.2	11.1
Magnesium	mg/kg	4700	6560	5750	5140	4970	4040	5750	6280	3180	4680	5120	5450	4240	4390
Manganese	mg/kg	711	311	1650	828	987	734	726	613	529	633	532	773	1290	599
Mercury	mg/Kg	0.057U	0.11J	0.056U	0.059U	0.059U	0.053U	0.057U	0.062U	0.99	0.057U	0.059U	0.11J	0.057U	0.061U
Mercury	ug/g	--	--	--	--	--	--	--	--	0.491	--	--	--	--	--
Nickel	mg/Kg	23.0	23.1	26.5	28.0	26.8	15.0	24.7	25.9	14.8	20.4	23.6	23.8	19.9	17.4
Potassium	mg/kg	1040J	868J	959J	774J	1030J	566J	827J	830J	635J	847J	1120J	741J	692J	908J
Selenium	mg/Kg	0.50U	0.50U	0.49U	0.52U	0.52U	0.47U	0.50U	0.55U	0.53U	0.50U	0.52U	0.50U	0.50U	0.54UJ
Silver	mg/kg	0.14J	0.091U	0.090U	0.11J	0.094U	0.085U	0.091U	0.099U	0.096U	0.097J	0.095U	0.091U	0.092U	0.12J
Sodium	mg/Kg	791J	53.6J	158J	747J	751J	419J	111J	109J	109J	80.3J	78.4J	88.3J	70.8J	85.3J
Thallium	mg/Kg	0.75J	1.6J	0.65J	1.0J	0.65J	0.49U	1.1J	1.5J	0.55U	0.98J	1.9J	0.73J	0.53U	0.99J
Vanadium	mg/Kg	14.8	19.1	19.3	18.0	18.3	10.6J	18.6	18.0	18.3	22.8	23.7	22.7	13.9	25.6
Zinc	mg/Kg	71.5	79.6	85.9	84.2	85.2	49.9	76.4	72.9	46.4	57.7	68.6	72.4	68.9	60.3

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-6*	*L3-7*	*L3-7*	*L3-8*	*L3-8*	*L3-8*	*L3-9*	*L3-9*	*L3-10*	*L3-10*	*L3-10*	*L3-11*	*L3-11*	*L3-12*
Sample ID:		*S-050803-SW-111*	*S-050803-SW-101*	*S-050803-SW-102*	*S-050803-SW-096*	*S-050803-SW-097*	*S-050803-SW-098*	*S-050803-SW-108*	*S-050803-SW-109*	*S-050803-SW-105*	*S-050803-SW-106*	*S-050803-SW-107*	*S-050803-SW-103*	*S-050803-SW-104*	*S-050803-SW-094*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[12-14]*	*[6-8]*	*[8-10]*	*[13-15]*	*[17-19]*	*[17-19]*	*[7-9]*	*[12-14]*	*[3-5]*	*[7-8]*	*[7-8]*	*[4-6]*	*[7-9]*	*[1-3]*
							Duplicate					*Duplicate*			
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	--	1.032	--	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	--	0.0592	--	--	--	--	--
Methyl mercury	ug/g	--	--	--	--	--	--	--	--	0.00266	--	--	--	--	--
Solids @ 180 C	%	--	--	--	--	--	--	--	--	81.21	--	--	--	--	--
Total Solids	%	87.4	87.8	89.0	84.9	85.0	94.0	88.1	80.6	83.0	87.4	84.6	88.3	87.2	81.5

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE L1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-12*	*L3-13*	*L3-13*	*L3-14*	*L3-14*	*L3-14*	*L3-15*	*L3-15*	*L3-16*	*L3-16*	*L4-1*	*L4-1*	*L4-2*	*L4-2*
Sample ID:		*S-050803-SW-095*	*S-050803-SW-088*	*S-050803-SW-089*	*S-050803-SW-085*	*S-050803-SW-086*	*S-050803-SW-087*	*S-050803-SW-092*	*S-050803-SW-093*	*S-050803-SW-090*	*S-050803-SW-091*	*S-050703-SW-059*	*S-050703-SW-060*	*S-050703-SW-057*	*S-050703-SW-058*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*
Sample Depth:		*[3-5]*	*[3-5]*	*[5-7]*	*[4-5]*	*[6-7]*	*[6-7]*	*[0.5-1.5]*	*[1.5-3]*	*[0.5-2]*	*[2-4]*	*[9-10]*	*[16-18]*	*[6-8]*	*[17-19]*
							Duplicate								
Parameter	*Units*														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	17400	13400	11300	14600	15200	11200	9920	12900	11000	10200	12300	10100	14700	10700
Antimony	mg/Kg	0.48UJ	0.52UJ	0.50UJ	0.52UJ	0.52UJ	0.51UJ	0.50UJ	0.47UJ	0.50UJ	0.48UJ	0.50UJ	0.49UJ	0.52UJ	0.52UJ
Arsenic	mg/Kg	6.8	6.6	5.6	9.2	4.4	5.7	6.0	7.4	5.9	6.4	5.6	5.1	5.0	3.9
Barium	mg/Kg	42.5J	33.2J	28.4J	40.2J	67.3	25.5J	23.0J	22.5J	24.8J	20.8J	53.5	34.7J	33.4J	21.7J
Beryllium	mg/Kg	0.83J	0.59J	0.45J	0.80J	0.73J	0.49J	0.47J	0.72J	0.50J	0.50J	0.61J	0.50J	0.64J	0.48J
Cadmium	mg/Kg	0.022U	0.024U	0.023U	0.033J	0.023U	0.023U	0.023U	0.021U	0.023U	0.022U	0.023U	0.022U	0.024U	0.024U
Calcium	mg/kg	284J	293J	348J	1600	383J	238J	289J	812J	305J	125J	1040J	26400	312J	1710
Chromium Total	mg/Kg	20.1	15.2	13.0	21.3	15.2	12.5	12.3	18.3	12.5	12.7	15.5	13.9	16.6	15.3
Cobalt	mg/Kg	12.1	10.4J	7.6J	17.5	8.4J	8.0J	7.9J	12.8	9.1J	8.5J	10.5J	8.8J	9.9J	7.1J
Copper	mg/Kg	29.2	30.5	20.7	35.6	12.7	25.2	26.0	37.5	28.1	28.3	25.1	24.1	26.6	25.2
Cyanide (total)	mg/Kg	0.55U	0.59U	0.57U	0.59U	0.59U	0.58U	0.57U	0.54U	0.56U	0.55U	0.56U	2.2	0.59U	0.59U
Iron	mg/Kg	30100	24100	21500	33900	21700	20400	21800	26900	22100	21700	27900	21100	27200	23900
Lead	mg/Kg	14.5	11.8	9.9	21.0	10.4	11.2	10.7	12.4	10.6	10.7	11.4	9.9	14.1	11.3
Magnesium	mg/kg	6910	5070	3750	7590	4070	4460	4450	7200	4400	4320	4980	4780	5530	5600
Manganese	mg/kg	684	957	429	1150	654	511	658	510	601	552	1630	634	678	477
Mercury	mg/Kg	0.055U	0.059U	0.057U	0.059U	0.059U	0.058U	0.18	0.054U	0.056U	0.055U	0.056U	0.056U	0.059U	0.45J
Mercury	ug/g	--	--	--	--	--	--	--	--	--	--	--	--	--	0.579
Nickel	mg/Kg	27.8	21.7	17.2	33.5	19.3	17.9	19.3	26.1	19.6	18.2	22.9	21.7	23.0	19.5
Potassium	mg/kg	1550	880J	615J	1300	666J	804J	724J	1290	746J	673J	1010J	1640	668J	1590
Selenium	mg/Kg	0.48UJ	0.52UJ	0.50UJ	0.52UJ	0.52UJ	0.51UJ	0.50UJ	0.47UJ	0.50UJ	0.48UJ	0.50UJ	0.49UJ	0.52UJ	0.52UJ
Silver	mg/kg	0.12J	0.11J	0.13J	0.18J	0.22J	0.14J	0.12J	0.14J	0.12J	0.14J	0.090U	0.14J	0.11J	0.10J
Sodium	mg/Kg	60.6J	47.8J	35.2J	60.8J	35.8J	40.7J	35.9J	59.8J	33.0J	28.4J	345J	948J	382J	641J
Thallium	mg/Kg	1.5J	0.68J	0.98J	1.5J	0.82J	1.0J	1.1J	1.5J	1.0J	1.3J	0.62J	0.51U	1.0J	1.3J
Vanadium	mg/Kg	24.0	17.8	15.9	22.1	20.7	14.8	14.1	16.6	14.4	14.5	17.8	16.2	19.6	14.4
Zinc	mg/Kg	77.4	70.7	51.3	97.3	59.0	56.0	63.3	69.2	71.0	68.4	71.2	70.2	64.7	68.8

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L3-12*	*L3-13*	*L3-13*	*L3-14*	*L3-14*	*L3-14*	*L3-15*	*L3-15*	*L3-16*	*L3-16*	*L4-1*	*L4-1*	*L4-2*	*L4-2*
Sample ID:		*S-050803-SW-095*	*S-050803-SW-088*	*S-050803-SW-089*	*S-050803-SW-085*	*S-050803-SW-086*	*S-050803-SW-087*	*S-050803-SW-092*	*S-050803-SW-093*	*S-050803-SW-090*	*S-050803-SW-091*	*S-050703-SW-059*	*S-050703-SW-060*	*S-050703-SW-057*	*S-050703-SW-058*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*
Sample Depth:		*[3-5]*	*[3-5]*	*[5-7]*	*[4-5]*	*[6-7]*	*[6-7]*	*[0.5-1.5]*	*[1.5-3]*	*[0.5-2]*	*[2-4]*	*[9-10]*	*[16-18]*	*[6-8]*	*[17-19]*
							Duplicate								
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	--	--	--	--	--	--	0.482
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0348
Methyl mercury	ug/g	--	--	--	--	--	--	--	--	--	--	--	--	--	0.000794
Solids @ 180 C	%	--	--	--	--	--	--	--	--	--	--	--	--	--	85.73
Total Solids	%	91.1	84.4	88.4	84.4	85.3	86.8	87.5	93.2	88.6	91.5	88.5	90.0	84.8	84.5

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L4-3	L4-3	L4-3	L4-4	L4-4	L4-5	L4-5	L4-6	L4-6	L4-7	L4-7	L4-8	L4-8	L4-9
Sample ID:		S-050703-SW-061	S-050703-SW-062	S-050703-SW-063	S-050703-SW-074	S-050703-SW-075	S-050703-SW-066	S-050703-SW-067	S-050703-SW-072	S-050703-SW-073	S-050703-SW-070	S-050703-SW-071	S-050703-SW-068	S-050703-SW-069	S-050703-SW-064
Sample Date:		05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003
Sample Depth:		[6-8]	[13-15]	[13-15]	[7-9]	[13-15]	[4-5]	[7-9]	[5-7]	[8-10]	[7-8]	[9-11]	[7-9]	[13-15]	[7-9]
				Duplicate											
Parameter	Units														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	15700	9030	9920	12800	8030	12100	8580	12600	10300	13700	12600	10900	7980	14200
Antimony	mg/Kg	1.3J	1.1J	1.0J	1.5J	1.2J	1.3J	0.82J	0.89J	1.0J	1.5J	1.3J	1.5J	1.0J	0.54UJ
Arsenic	mg/kg	6.3	5.4	5.0	6.0	5.6	8.4	3.7	6.8	2.7	6.3	6.2	5.8	4.0	5.9
Barium	mg/Kg	42.9J	25.1J	24.0J	41.2J	24.1J	33.1J	26.2J	43.1J	35.6J	65.0	38.8J	32.5J	60.8	41.2J
Berryllium	mg/Kg	0.74J	0.45J	0.48J	0.63J	0.41J	0.64J	0.43J	0.65J	0.51J	0.69J	0.68J	0.54J	0.41J	0.73J
Cadmium	mg/Kg	0.069U	0.070U	0.069U	0.070U	0.067U	0.066U	0.071U	0.071U	0.069U	0.070U	0.070U	0.070U	0.067U	0.27J
Calcium	mg/Kg	449J	17200	26400	830J	23900	384J	1340	490J	861J	679J	2510	1490	3790	1890
Chromium Total	mg/Kg	20.4	13.1	14.5	17.5	11.8	14.7	13.7	24.2	15.8	20.4	19.7	16.0	12.2	19.6
Cobalt	mg/Kg	13.8	9.7J	10.6J	12.0	9.2J	18.2	7.5J	12.0	11.2J	14.3	12.2	10.5J	8.5J	12.4
Copper	mg/Kg	33.4	28.8	29.2	34.6	27.2	33.9	25.2	59.7	52.8	33.0	35.8	32.6	29.1	35.4
Cyanide (total)	mg/Kg	0.58U	0.58U	0.58U	0.58U	0.55U	0.55U	0.59U	0.59U	0.57U	1.0	0.58U	0.58U	0.55U	2.1
Iron	mg/Kg	28700	20400	22300	27600	19000	26400	19400	26700	21300	30000	28400	25400	19100	30600
Lead	mg/Kg	15.6	12.2	11.5	14.6	17.5	23.8	15.0	18.9	14.6	15.5	14.7	12.9	10.8	15.0
Magnesium	mg/kg	6430	4530	5150	5390	4100	5490	4580	5680	4890	6670	5310	4860	4400	5580
Manganese	mg/kg	686	903	839	795	663	932	676	496	499	470	1030	935	810	1250
Mercury	mg/Kg	0.058U	0.058U	0.058U	0.058U	0.055U	0.055U	0.32J	0.61J	0.13J	0.058U	0.058U	0.058U	0.055U	0.14J
Mercury	ug/g	--	--	--	--	--	--	--	0.508	--	--	--	--	--	--
Nickel	mg/Kg	30.6	21.2	21.0	26.8	20.2	24.7	19.0	27.2	23.0	30.5	28.0	25.4	21.0	29.8
Potassium	mg/kg	832J	689J	758J	609J	599J	559J	678J	765J	719J	833J	809J	599J	489J	1160J
Selenium	mg/Kg	0.88U	0.88U	0.88U	0.88U	0.84U	0.84U	0.89U	0.90U	0.87U	0.88U	0.88U	0.88U	0.84U	0.54U
Silver	mg/kg	0.23U	0.23U	0.23U	0.23U	0.22U	0.22U	0.24U	0.24U	0.23U	0.23U	0.23U	0.23U	0.22U	0.16J
Sodium	mg/Kg	80.5J	651J	678J	164J	547J	31.7J	115J	57.4J	81.8J	59.3J	221J	299J	81.9J	176J
Thallium	mg/Kg	1.2J	0.98U	0.97U	0.98J	0.93U	0.93U	0.99U	1.3J	0.96U	0.97U	0.98U	0.98U	0.93U	0.71J
Vanadium	mg/Kg	22.8	14.6	15.9	19.4	12.8	15.5	13.0	19.9	15.6	20.9	20.5	17.5	13.3	20.8
Zinc	mg/Kg	76.9J	73.0J	68.5J	76.1J	65.0J	72.0J	51.2J	91.7J	69.3J	87.3J	79.9J	76.4J	66.0J	93.4J

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L4-3	L4-3	L4-3	L4-4	L4-4	L4-5	L4-5	L4-6	L4-6	L4-7	L4-7	L4-8	L4-8	L4-9
Sample ID:		S-050703-SW-061	S-050703-SW-062	S-050703-SW-063	S-050703-SW-074	S-050703-SW-075	S-050703-SW-066	S-050703-SW-067	S-050703-SW-072	S-050703-SW-073	S-050703-SW-070	S-050703-SW-071	S-050703-SW-068	S-050703-SW-069	S-050703-SW-064
Sample Date:		05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003
Sample Depth:		[6-8]	[13-15]	[13-15]	[7-9]	[13-15]	[4-5]	[7-9]	[5-7]	[8-10]	[7-8]	[9-11]	[7-9]	[13-15]	[7-9]
				Duplicate											
Parameter	Units														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	--	--	--	--	0.285	--	--	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	--	--	--	--	0.00787	--	--	--	--	--	--
Methyl mercury	ug/g	--	--	--	--	--	--	--	0.00183J	--	--	--	--	--	--
Solids @ 180 C	%	--	--	--	--	--	--	--	87.93	--	--	--	--	--	--
Total Solids	%	86.8	85.9	86.6	86.1	90.1	90.3	85.1	84.9	87.2	86.3	86.1	85.9	90.2	81.9

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L4-9	L5-1	L5-1	L5-2	L5-2	L5-3	L5-3	L5-4	L5-4	L5-5	L5-5	L5-5	L5-6	L5-6
Sample ID:		S-050703-SW-065	S-050703-SW-033	S-050703-SW-034	S-050703-SW-035	S-050703-SW-036	S-050703-SW-037	S-050703-SW-038	S-050703-SW-039	S-050703-SW-040	S-050703-SW-041	S-050703-SW-042	S-050703-SW-043	S-050703-SW-044	S-050703-SW-045
Sample Date:		05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003
Sample Depth:		[13-15]	[5-6]	[6-7]	[4-6]	[8-9]	[4-6]	[-]	[4-5]	[7-8]	[4-6]	[7-9]	[7-9]	[5-7]	[10-12]
													Duplicate		
Parameter	Units														
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TAL Inorganics															
Aluminum	mg/Kg	10300	14700	11500	11500	12400	15500	14000	16600	17400	12400	13500	14700	10000	10600
Antimony	mg/Kg	1.1J	0.55UJ	0.51UJ	0.54UJ	0.52UJ	0.54UJ	0.51UJ	0.54UJ	0.55UJ	0.50UJ	0.52UJ	0.51UJ	0.53UJ	0.51UJ
Arsenic	mg/kg	5.0	9.8	3.0	2.2J	3.0	6.3	4.1	5.7	5.5	4.6	5.5	4.2	4.8	6.6
Barium	mg/Kg	36.3J	68.3	51.3	38.7J	56.8	49.0J	63.2	61.0	63.0	29.3J	53.4	46.0J	34.1J	33.8J
Beryllium	mg/Kg	0.52J	0.92J	0.58J	0.57J	0.68J	0.67J	0.75J	0.76J	0.75J	0.52J	0.68J	0.66J	0.45J	0.59J
Cadmium	mg/Kg	0.071U	0.48J	0.26J	0.28J	0.50J	0.31J	0.28J	0.37J	0.32J	0.023U	0.024U	0.023U	0.024U	0.023U
Calcium	mg/kg	1940	3200J	873J	862J	1180J	612J	590J	1790J	712J	797J	1580	1350	1990	1430
Chromium Total	mg/Kg	14.7	21.8	14.0	15.0	26.4	20.7	15.4	22.1	20.7	17.5	17.1	19.8	12.7	14.5
Cobalt	mg/Kg	10.2J	14.2	7.9J	6.2J	7.9J	13.7	8.1J	15.4	12.2J	8.5J	8.1J	11.7	9.8J	9.1J
Copper	mg/Kg	41.4	48.6	24.7	109	594	62.6	17.1	34.8	27.4	139	33.8	47.8	26.3	29.9
Cyanide (total)	mg/Kg	0.60U	2.1	1.2	1.1	0.60U	2.7	0.58U	0.61U	2.0	0.57U	2.0J	7.6J	0.61U	0.58U
Iron	mg/Kg	22400	35700	17900	18900	26300	29700	21600	32100	28300	26200	29900	34400	24000	24600
Lead	mg/Kg	15.8	16.7	13.1	11.3	25.8	13.7	14.5	14.7	14.2	14.4	13.1	16.4	12.5	12.6
Magnesium	mg/kg	4840	6710	4050	5180	5890	5820	4630	7480	6640	6450	5540	7280	5170	5030
Manganese	mg/kg	893	1460	946	549	646	840	878	1260	874	660	895	831	1980	805
Mercury	mg/Kg	0.060U	0.36	0.31	14.2	0.060U	0.063	0.40	0.061U	0.86	1.5J	1.1J	3.2J	0.17J	0.19J
Mercury	ug/g	--	--	--	9.505	--	--	--	--	--	5.490	--	--	--	--
Nickel	mg/Kg	24.5	34.6	16.6	19.1	25.9	26.4	17.9	32.1	26.4	23.7	23.6	29.8	22.0	19.5
Potassium	mg/kg	803J	1470	635J	627J	875J	1710	1310	2370	1650	874J	2000	1520	1090J	1470
Selenium	mg/Kg	0.90U	0.55UJ	0.51UJ	0.54UJ	0.52UJ	0.54UJ	0.51UJ	0.54UJ	0.55UJ	0.50UJ	0.52UJ	0.51UJ	0.53UJ	0.51UJ
Silver	mg/kg	0.24U	0.24J	0.12J	0.13J	0.15J	0.16J	0.12J	0.098U	0.099U	0.15J	0.095U	0.093U	0.12J	0.27J
Sodium	mg/Kg	715J	55.8J	568J	364J	245J	248J	544J	184J	62.7J	63.7J	174J	145J	122J	115J
Thallium	mg/Kg	1.0U	1.4J	0.53U	0.74J	1.0J	1.1J	0.56J	1.3J	1.0J	0.53U	0.77J	1.0J	0.56U	0.64J
Vanadium	mg/Kg	16.4	26.9	14.5	12.9	16.7	22.8	17.6	24.5	25.6	15.3	19.2	20.7	15.3	15.9
Zinc	mg/Kg	81.4J	115	49.7	53.2	212	74.4	55.2	91.2	79.9	86.3	76.1	92.4	66.2	77.0

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L4-9*	*L5-1*	*L5-1*	*L5-2*	*L5-2*	*L5-3*	*L5-3*	*L5-4*	*L5-4*	*L5-5*	*L5-5*	*L5-5*	*L5-6*	*L5-6*
Sample ID:		*S-050703-SW-065*	*S-050703-SW-033*	*S-050703-SW-034*	*S-050703-SW-035*	*S-050703-SW-036*	*S-050703-SW-037*	*S-050703-SW-038*	*S-050703-SW-039*	*S-050703-SW-040*	*S-050703-SW-041*	*S-050703-SW-042*	*S-050703-SW-043*	*S-050703-SW-044*	*S-050703-SW-045*
Sample Date:		*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*
Sample Depth:		*[13-15]*	*[5-6]*	*[6-7]*	*[4-6]*	*[8-9]*	*[4-6]*	*[-]*	*[4-5]*	*[7-8]*	*[4-6]*	*[7-9]*	*[7-9]* *Duplicate*	*[5-7]*	*[10-12]*
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	–	–	–	8.049	–	–	–	–	–	5.908	–	–	–	–
Mercury Sulfide	ug/g	–	–	–	0.682	–	–	–	–	–	0.311	–	–	–	–
Methyl mercury	ug/g	–	–	–	0.00671	–	–	–	–	–	0.00365	–	–	–	–
Solids @ 180 C	%	–	–	–	83.03	–	–	–	–	–	75.59	–	–	–	–
Total Solids	%	84.0	80.4	86.0	81.4	83.9	81.3	86.2	81.6	80.7	87.3	84.3	86.0	82.5	86.8

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		L5-7	L5-7	L5-8	L5-8	L5-9	L5-9	L5-10	L5-10	L5-10	L5-11	L5-11	L6-1	L6-2	L6-3
Sample ID:		S-050703-SW-046	S-050703-SW-047	S-050703-SW-048	S-050703-SW-049	S-050703-SW-050	S-050703-SW-051	S-050703-SW-052	S-050703-SW-053	S-050703-SW-054	S-050703-SW-055	S-050703-SW-056	S-050803-SW-076	S-050803-SW-077	S-050803-SW-078
Sample Date:		05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/07/2003	05/08/2003	05/08/2003	05/08/2003
Sample Depth:		[7-9]	[12-14]	[6-8]	[8-10]	[5-7]	[8-10]	[4-6]	[7-9.5]	[7-9.5]	[5-7]	[8-9]	[2-3]	[0.6-2]	[1-3]
Parameter	Units									Duplicate					
TCL Pesticides															
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Endrin	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--	--	--	--	3.6U	4.1U	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--	--	--	--	1.9U	2.1U	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--	--	--	--	19U	21U	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	190U	210U	--
TAL Inorganics															
Aluminum	mg/Kg	12100	12400	14900	11100	12900	10700	15800	10300	9300	12300	10700	14400	16900	17100
Antimony	mg/Kg	0.49UJ	0.50UJ	0.48UJ	0.49UJ	0.51UJ	0.50UJ	0.51UJ	0.51UJ	0.50UJ	0.51UJ	0.51UJ	0.48UJ	0.54UJ	0.46UJ
Arsenic	mg/kg	4.1	3.7	6.3	4.0	3.6	7.1	5.6	4.8	4.9	7.1	6.1	8.1	11.1	7.5
Barium	mg/Kg	48.8	37.6J	38.7J	37.5J	39.6J	36.8J	31.5J	29.3J	26.0J	55.1	24.4J	45.5	38.2J	28.8J
Beryllium	mg/Kg	0.58J	0.55J	0.68J	0.51J	0.66J	0.53J	0.67J	0.48J	0.46J	0.50J	0.52J	0.71J	0.83J	0.92J
Cadmium	mg/Kg	0.19J	0.023U	0.022U	0.022U	0.023U	0.023U	0.023U	0.023U	0.025U	0.023U	0.023U	0.022U	0.025U	0.021U
Calcium	mg/kg	1860	2580	2000	1790	2440	5440	470J	20400	44400	738J	1490	885J	590J	1180
Chromium Total	mg/Kg	17.6	25.1	27.6	18.0	20.6	14.5	20.1	13.9	12.9	20.1	14.7	18.9	23.3	25.0
Cobalt	mg/Kg	9.1J	7.6J	9.3J	8.8J	9.9J	12.1	8.7J	9.5J	8.6J	6.5J	11.4J	9.0J	12.0J	10.7
Copper	mg/Kg	70.3	436	211	71.1	405	31.1	71.7	45.2	30.5	389	32.0	40.7	41.6	42.4
Cyanide (total)	mg/Kg	0.56U	1.4	0.55U	0.56U	0.57U	0.57U	0.58U	0.57U	0.57U	1.2	1.6	0.55U	1.3	0.89
Iron	mg/Kg	25800	28200	32700	23400	30700	25000	24800	22400	20600	25000	24700	31500	37300	35200
Lead	mg/Kg	13.0	15.6	16.3	10.9	13.3	12.5	12.7	10.5	12.0	16.5	14.0	18.2	22.7	18.2
Magnesium	mg/kg	5470	6520	7760	4290	6240	5330	5100	5150	4820	5600	5350	7890	8130	8380
Manganese	mg/kg	837	699	720	563	1290	800	300	719	765	234	730	342	486	456
Mercury	mg/Kg	1.9J	8.3J	4.6J	0.46J	2.9J	0.057U	9.0J	0.19J	0.057U	2.2J	0.058U	0.055U	0.078J	0.16
Mercury	ug/g	--	--	--	0.312	--	--	1.761	--	--	--	--	--	--	--
Nickel	mg/Kg	25.2	26.2	28.7	19.9	29.1	21.8	22.0	19.2	20.9	21.7	22.9	27.1	31.7	32.7
Potassium	mg/kg	1580	1210	1720	1760	1430	2250	913J	1350	1160	1200	762J	1050J	1910	1470
Selenium	mg/Kg	0.49UJ	0.50UJ	0.48UJ	0.49UJ	0.51UJ	0.50UJ	0.51UJ	0.51UJ	0.50UJ	0.51UJ	0.51UJ	0.48UJ	0.54UJ	0.46UJ
Silver	mg/kg	0.089U	0.14J	0.12J	0.090U	0.094U	0.19J	0.092U	0.12J	0.091U	0.093U	0.093U	0.19J	0.17J	0.17J
Sodium	mg/Kg	132J	112J	116J	129J	134J	641J	231J	607J	688J	83.2J	125J	37.1J	57.0J	53.3J
Thallium	mg/Kg	0.73J	1.1J	1.3J	0.67J	0.66J	0.95J	0.85J	0.53J	0.52U	0.80J	0.87J	1.7J	2.0J	1.5J
Vanadium	mg/Kg	16.7	17.1	19.7	15.3	17.1	16.9	19.0	15.4	14.0	16.8	15.6	18.1	25.8	22.5
Zinc	mg/Kg	81.4	175	151	79.7	96.1	76.2	151	71.7	71.7	72.5	81.6	80.1	102	91.0

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L5-7*	*L5-7*	*L5-8*	*L5-8*	*L5-9*	*L5-9*	*L5-10*	*L5-10*	*L5-10*	*L5-11*	*L5-11*	*L6-1*	*L6-2*	*L6-3*
Sample ID:		*S-050703-SW-046*	*S-050703-SW-047*	*S-050703-SW-048*	*S-050703-SW-049*	*S-050703-SW-050*	*S-050703-SW-051*	*S-050703-SW-052*	*S-050703-SW-053*	*S-050703-SW-054*	*S-050703-SW-055*	*S-050703-SW-056*	*S-050803-SW-076*	*S-050803-SW-077*	*S-050803-SW-078*
Sample Date:		*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/07/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[7-9]*	*[12-14]*	*[6-8]*	*[8-10]*	*[5-7]*	*[8-10]*	*[4-6]*	*[7-9.5]*	*[7-9.5]*	*[5-7]*	*[8-9]*	*[2-3]*	*[0.6-2]*	*[1-3]*
										Duplicate					
Parameter	*Units*														
Wet Chemistry															
Mercury II (Acid Labile)	ug/g	--	--	--	0.332	--	--	1.202	--	--	--	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	0.0201	--	--	0.135	--	--	--	--	--	--	--
Methyl mercury	ug/g	--	--	--	0.000952	--	--	0.0150	--	--	--	--	--	--	--
Solids @ 180 C	%	--	--	--	85.02	--	--	88.02	--	--	--	--	--	--	--
Total Solids	%	89.7	88.0	91.2	89.1	87.1	87.9	86.9	87.1	88.3	85.8	86.3	90.8	81.1	94.7

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L6-3*	*L6-3*	*L6-4*	*L6-5*	*L6-6*	*L6-6*	*L6-7*	*L6-7*
Sample ID:		*S-050803-SW-079*	*S-050803-SW-080*	*S-050803-SW-082*	*S-050803-SW-081*	*S-050803-SW-083*	*S-050803-SW-084*	*S-050803-SW-121*	*S-050803-SW-122*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[3-5]*	*[3-5]*	*[0.5-2]*	*[1-2]*	*[4-7]*	*[7-9]*	*[2-3]*	*[4-5]*
			Duplicate						
Parameter	*Units*								
TCL Pesticides									
4,4'-DDD	ug/kg	--	--	--	--	--	--	--	--
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--
Aldrin	ug/kg	--	--	--	--	--	--	--	--
alpha-BHC	ug/kg	--	--	--	--	--	--	--	--
alpha-Chlordane	ug/kg	--	--	--	--	--	--	--	--
beta-BHC	ug/kg	--	--	--	--	--	--	--	--
delta-BHC	ug/kg	--	--	--	--	--	--	--	--
Dieldrin	ug/kg	--	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	--	--	--
Endosulfan sulfate	ug/kg	--	--	--	--	--	--	--	--
Endrin	ug/kg	--	--	--	--	--	--	--	--
Endrin aldehyde	ug/kg	--	--	--	--	--	--	--	--
Endrin ketone	ug/kg	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	ug/kg	--	--	--	--	--	--	--	--
gamma-Chlordane	ug/kg	--	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--	--
Heptachlor epoxide	ug/kg	--	--	--	--	--	--	--	--
Methoxychlor	ug/kg	--	--	--	--	--	--	--	--
Toxaphene	ug/kg	--	--	--	--	--	--	--	--
TAL Inorganics									
Aluminum	mg/Kg	17800	19600	6150	16200	10400	16100	17900	16200
Antimony	mg/Kg	0.49UJ	0.49UJ	0.46UJ	0.46UJ	0.49UJ	0.53J	0.47UJ	0.48UJ
Arsenic	mg/kg	10.6	12.6	47.6	4.7	6.5	8.7	9.0J	10J
Barium	mg/Kg	24.4J	18.4J	11.5J	16.9J	38.2J	35.8J	33.2J	16.0J
Beryllium	mg/Kg	1.3	1.7	0.36J	0.70J	0.54J	0.82J	0.78J	0.76J
Cadmium	mg/Kg	0.022U	0.022U	0.021U	0.021U	0.022U	0.26J	0.021U	0.022U
Calcium	mg/kg	662J	731J	164J	1200	991J	1580	1110J	1550J
Chromium Total	mg/Kg	24.6	28.3	8.8	24.5	16.8	22.9	25.5	23.7
Cobalt	mg/Kg	8.3J	10.0J	5.7J	8.8J	9.6J	16.4	18.8	17.4
Copper	mg/Kg	50.5	62.5	39.6	38.8	28.6	40.2	44.2	42.2
Cyanide (total)	mg/Kg	1.9	1.7	0.81	0.53	0.55U	0.55U	0.54U	0.55U
Iron	mg/Kg	37700	49200	15500	34000	24400	34700	38800	35500
Lead	mg/Kg	25.6	29.9	22.4	18.6	17.8	20.5	20.6	18.1
Magnesium	mg/kg	6440	8160	3340	9130	4980	8310	10600	9550
Manganese	mg/kg	243	306	147	280	679	1090	665	898
Mercury	mg/Kg	0.13	0.10J	0.29	0.31	0.055U	0.055U	0.054U	0.055U
Mercury	ug/g	--	--	--	0.0738	--	--	--	--
Nickel	mg/Kg	32.7	41.4	12.7	29.2	21.0	32.8	33.9	32.1
Potassium	mg/kg	1400	1040J	496J	1360	1020J	1300	1320	1280
Selenium	mg/Kg	0.49UJ	0.49UJ	0.46UJ	0.46UJ	0.49UJ	0.48UJ	0.47UJ	0.48UJ
Silver	mg/kg	0.16J	0.22J	0.16J	0.16J	0.13J	0.10J	0.21J	0.14J
Sodium	mg/Kg	70.1J	81.4J	34.6J	45.6J	42.4J	49.4J	32.2J	35.8J
Thallium	mg/Kg	2.4	2.9	0.82J	2.1J	1.2J	1.1J	1.2J	0.82J
Vanadium	mg/Kg	24.6	26.4	8.3J	23.9	16.0	20.7	20.9	18.2
Zinc	mg/Kg	118	143	46.4	86.7	74.5	94.7	87.1J	84.9J

TABLE I.1-7

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*L6-3*	*L6-3*	*L6-4*	*L6-5*	*L6-6*	*L6-6*	*L6-7*	*L6-7*
Sample ID:		*S-050803-SW-079*	*S-050803-SW-080*	*S-050803-SW-082*	*S-050803-SW-081*	*S-050803-SW-083*	*S-050803-SW-084*	*S-050803-SW-121*	*S-050803-SW-122*
Sample Date:		*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*	*05/08/2003*
Sample Depth:		*[3-5]*	*[3-5]*	*[0.5-2]*	*[1-2]*	*[4-7]*	*[7-9]*	*[2-3]*	*[4-5]*
			Duplicate						
Parameter	*Units*								
Wet Chemistry									
Mercury II (Acid Labile)	ug/g	--	--	--	0.102	--	--	--	--
Mercury Sulfide	ug/g	--	--	--	0.00413U	--	--	--	--
Methyl mercury	ug/g	--	--	--	0.000021U	--	--	--	--
Solids @ 180 C	%	--	--	--	96.93	--	--	--	--
Total Solids	%	89.5	89.2	95.6	96.6	90.3	91.7	93.1	91.0

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		S-2	S-2	S-3	S-3	S-4	S-4	S-5	S-5	S-6
Sample ID:		S-050603-SW-010	S-050603-SW-011	S-050603-SW-005	S-050603-SW-006	S-050603-SW-003	S-050603-SW-004	S-050603-SW-001	S-050603-SW-002	S-050603-SW-014
Sample Date:		05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003
Sample Depth:		[0-2]	[4-5]	[0-2]	[6-8]	[0-2]	[6-8]	[0-2]	[6-8]	[0-2]
Parameter	*Units*									
TCL Pesticides										
4,4'-DDD	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
4,4'-DDE	ug/kg	3.8U	--	2.0J	--	3.7U	--	4.0U	--	3.8U
4,4'-DDT	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Aldrin	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
alpha-BHC	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
alpha-Chlordane	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
beta-BHC	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
delta-BHC	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
Dieldrin	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Endosulfan I	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
Endosulfan II	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Endosulfan sulfate	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Endrin	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Endrin aldehyde	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
Endrin ketone	ug/kg	3.8U	--	3.9U	--	3.7U	--	4.0U	--	3.8U
gamma-BHC (Lindane)	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
gamma-Chlordane	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
Heptachlor	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
Heptachlor epoxide	ug/kg	2.0U	--	2.0U	--	1.9U	--	2.0U	--	2.0U
Methoxychlor	ug/kg	20U	--	20U	--	19U	--	20U	--	20U
Toxaphene	ug/kg	200U	--	200U	--	190U	--	200U	--	200U
TAL Inorganics										
Aluminum	mg/Kg	19500	17300	15200	12800	16400	16200	16600	16400	20900
Antimony	mg/Kg	0.51UJ	0.46UJ	0.52UJ	0.49UJ	0.50UJ	0.46UJ	0.53UJ	0.48UJ	0.51UJ
Arsenic	mg/kg	6.9J	10.9J	4.6J	10J	9.8J	12.6J	6.1J	9.2J	8.4J
Barium	mg/Kg	47.9	24.5J	44.7J	45.0	26.1J	27.9J	52.6	43.9J	50.6
Beryllium	mg/Kg	0.81J	0.86J	0.48J	0.67J	0.65J	0.87J	0.60J	0.81J	0.84J
Cadmium	mg/Kg	0.023U	R	0.024U	0.022U	R	0.021U	0.024U	0.022U	R
Calcium	mg/kg	696J	556J	310J	836J	397J	815J	179J	472J	396J
Chromium Total	mg/Kg	21.7	25.2	14.6	17.3	20.1	22.7	15.4	21.1	23.2
Cobalt	mg/Kg	10.3J	20.5	7.6J	12.1	15.1	20.6	9.5J	13.1	12.4
Copper	mg/Kg	25.9	49.6	13.5	27.8	32.2	44.7	16.2	42.3	28.0
Cyanide (total)	mg/Kg	0.58U	0.52U	0.59U	0.55U	0.56U	0.52U	0.60U	0.55U	0.58U
Iron	mg/Kg	31700	41900	22400	30800	32600	40800	22400	35500	37300
Lead	mg/Kg	13.2	24.1	8.0	18.3	18.5	25.8	10.8	19.6	17.8

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		S-2	S-2	S-3	S-3	S-4	S-4	S-5	S-5	S-6
Sample ID:		S-050603-SW-010	S-050603-SW-011	S-050603-SW-005	S-050603-SW-006	S-050603-SW-003	S-050603-SW-004	S-050603-SW-001	S-050603-SW-002	S-050603-SW-014
Sample Date:		05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003
Sample Depth:		[0-2]	[4-5]	[0-2]	[6-8]	[0-2]	[6-8]	[0-2]	[6-8]	[0-2]
Parameter	*Units*									
Magnesium	mg/kg	6550	9790	3630	5800	8050	9430	3700	7950	7950
Manganese	mg/kg	637	828	311	1070	571	846	287	1120	883
Mercury	mg/Kg	0.058U	0.066J	0.059U	0.077J	0.086J	0.062J	0.060U	0.055U	0.058U
Mercury	ug/g	--	--	--	--	--	--	--	--	--
Nickel	mg/Kg	27.0	36.4	16.9	25.7	28.6	35.7	16.6	29.6	30.7
Potassium	mg/kg	1080J	1320	966J	1100J	1250	1450	751J	1300	941J
Selenium	mg/Kg	0.51UJ	0.46UJ	0.52UJ	0.49UJ	0.50UJ	0.46UJ	0.53UJ	0.48UJ	0.51UJ
Silver	mg/kg	0.092U	0.13J	0.095U	0.088U	0.090U	0.20J	0.096U	0.088U	0.093U
Sodium	mg/Kg	42.8J	34.9J	41.2J	38.2J	30.2J	47.0J	39.4J	33.8J	33.2J
Thallium	mg/Kg	1.9J	2.0J	1.1J	1.5J	1.5J	2.0J	1.6J	1.4J	1.7J
Vanadium	mg/Kg	24.6	21.0	20.3	17.8	19.2	19.4	21.2	22.4	27.3
Zinc	mg/Kg	80.1	100	48.1	86.1	73.2	107	53.2	102	99.8
Wet Chemistry										
Total Solids	%	86.7	95.4	84.6	90.4	88.6	95.7	83.0	90.8	86.2

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*S-6*	*S-7*	*S-7*	*S-8*	*S-8*	*S-9*	*S-9*	*S-10*	*S-10*
Sample ID:		*S-050603-SW-015*	*S-050603-SW-016*	*S-050603-SW-017*	*S-050603-SW-018*	*S-050603-SW-019*	*S-050603-SW-020*	*S-050603-SW-021*	*S-050603-SW-022*	*S-050603-SW-023*
Sample Date:		*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/07/2003*	*05/06/2003*	*05/06/2003*
Sample Depth:		*[6-7]*	*[0-2]*	*[8-9]*	*[0-2]*	*[4-5]*	*[0-2]*	*[7-9]*	*[0-2]*	*[6-7]*
Parameter	*Units*									
TCL Pesticides										
4,4'-DDD	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
4,4'-DDE	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
4,4'-DDT	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Aldrin	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
alpha-BHC	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
alpha-Chlordane	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
beta-BHC	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
delta-BHC	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
Dieldrin	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Endosulfan I	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
Endosulfan II	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Endosulfan sulfate	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Endrin	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Endrin aldehyde	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
Endrin ketone	ug/kg	--	3.7U	--	3.7U	--	3.8U	--	3.9U	--
gamma-BHC (Lindane)	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
gamma-Chlordane	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
Heptachlor	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
Heptachlor epoxide	ug/kg	--	1.9U	--	1.9U	--	2.0U	--	2.0U	--
Methoxychlor	ug/kg	--	19U	--	19U	--	20U	--	20U	--
Toxaphene	ug/kg	--	190U	--	190U	--	200U	--	200U	--
TAL Inorganics										
Aluminum	mg/Kg	8900	16800	11000	17300	13800	15900	11400	14500	14800
Antimony	mg/Kg	0.48UJ	0.49UJ	0.48UJ	0.49UJ	0.47UJ	0.51UJ	0.48UJ	0.52UJ	0.47UJ
Arsenic	mg/kg	4.7J	7.1J	7.3J	7.2J	9.1J	9.4J	5.9	8.0	6.6
Barium	mg/Kg	25.4J	43.9J	36.6J	45.7	52.9	34.4J	42.9J	49.2	47.2
Beryllium	mg/Kg	0.33J	0.76J	0.50J	0.74J	0.71J	0.73J	0.56J	0.72J	0.73J
Cadmium	mg/Kg	R	0.022U	R	0.022U	R	0.023U	0.23J	R	R
Calcium	mg/kg	1310J	371J	2360J	536J	2100J	473J	1250J	658J	19100J
Chromium Total	mg/Kg	9.3	21.6	15.4	22.0	19.8	19.1	16.2	28.6	20.8
Cobalt	mg/Kg	9.1J	13.2	11.1	12.1	12.6	12.6	10.4J	11.0J	11.3
Copper	mg/Kg	17.0	31.7	24.6	30.7	31.9	32.2	27.9	28.8	33.5
Cyanide (total)	mg/Kg	0.54U	0.56U	0.55U	0.56U	0.53U	0.58U	0.55U	0.59U	0.54U
Iron	mg/Kg	17900	32800	26900	34100	32100	33300	25400	27400	32400
Lead	mg/Kg	8.2	19.9	13.5	15.3	16.1	16.1	13.1	14.1	13.7

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*S-6*	*S-7*	*S-7*	*S-8*	*S-8*	*S-9*	*S-9*	*S-10*	*S-10*
Sample ID:		*S-050603-SW-015*	*S-050603-SW-016*	*S-050603-SW-017*	*S-050603-SW-018*	*S-050603-SW-019*	*S-050603-SW-020*	*S-050603-SW-021*	*S-050603-SW-022*	*S-050603-SW-023*
Sample Date:		*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/07/2003*	*05/06/2003*	*05/06/2003*
Sample Depth:		*[6-7]*	*[0-2]*	*[8-9]*	*[0-2]*	*[4-5]*	*[0-2]*	*[7-9]*	*[0-2]*	*[6-7]*
Parameter	*Units*									
Magnesium	mg/kg	4750	6970	5720	7310	6170	6890	5610	5010	7560
Manganese	mg/kg	528	925	768	710	969	1020	1020	811	949
Mercury	mg/Kg	0.054U	0.056U	0.055U	0.058J	0.062J	0.058U	0.055U	0.059U	0.054U
Mercury	ug/g	--	--	--	--	--	--	--	--	--
Nickel	mg/Kg	14.3	29.0	23.5	28.8	26.6	28.3	22.3	22.4	29.5
Potassium	mg/kg	566J	1130	893J	1250	1330	1100J	967J	1320	1640
Selenium	mg/Kg	0.48UJ	0.49UJ	0.48UJ	0.49UJ	0.47UJ	0.51UJ	0.48UJ	0.52UJ	0.47UJ
Silver	mg/kg	0.087U	0.089U	0.087J	0.090U	0.11J	0.093U	0.12J	0.094U	0.10J
Sodium	mg/Kg	35.4J	35.8J	43.2J	35.1J	47.0J	43.0J	43.2J	56.8J	62.0J
Thallium	mg/Kg	0.50U	1.6J	1.3J	1.9J	1.8J	2.0J	0.99J	1.1J	1.2J
Vanadium	mg/Kg	15.4	23.1	16.7	23.9	20.2	22.4	16.5	22.8	22.4
Zinc	mg/Kg	61.6	88.0	77.7	85.2	95.0	87.6	70.1	78.4	86.8
Wet Chemistry										
Total Solids	%	92.1	89.5	91.6	89.2	94.4	86.0	91.2	85.4	93.0

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		S-11	S-11	S-11	S-12	S-12	S-13	S-13	S-14	S-14
Sample ID:		S-050603-SW-024	S-050603-SW-025	S-050603-SW-026	S-050603-SW-031	S-050603-SW-032	S-050603-SW-029	S-050603-SW-030	S-050603-SW-027	S-050603-SW-028
Sample Date:		05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003	05/06/2003
Sample Depth:		[0-2]	[0-2]	[-]	[0-2]	[-]	[0-2]	[8-9]	[0-2]	[8-9]
			Duplicate							
Parameter	Units									
TCL Pesticides										
4,4'-DDD	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
4,4'-DDE	ug/kg	3.9U	3.9U	--	4.0	--	3.7U	--	3.9U	--
4,4'-DDT	ug/kg	3.9U	3.9U	--	3.7J	--	3.7U	--	3.9U	--
Aldrin	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
alpha-BHC	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
alpha-Chlordane	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
beta-BHC	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
delta-BHC	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
Dieldrin	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
Endosulfan I	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
Endosulfan II	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
Endosulfan sulfate	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
Endrin	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
Endrin aldehyde	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
Endrin ketone	ug/kg	3.9U	3.9U	--	3.8U	--	3.7U	--	3.9U	--
gamma-BHC (Lindane)	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
gamma-Chlordane	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
Heptachlor	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
Heptachlor epoxide	ug/kg	2.0U	2.0U	--	1.9U	--	1.9U	--	2.0U	--
Methoxychlor	ug/kg	20U	20U	--	19U	--	19U	--	20U	--
Toxaphene	ug/kg	200U	200U	--	190U	--	190U	--	200U	--
TAL Inorganics										
Aluminum	mg/Kg	16100	15800	13300	8600	16900	15300	13200	13700	15800
Antimony	mg/Kg	0.52UJ	0.52UJ	0.50UJ	0.50UJ	0.53UJ	0.55J	0.49UJ	0.52UJ	0.54UJ
Arsenic	mg/kg	4.6	4.1	6.8	3.3	6.7	9.7	5.9	4.9	7.2
Barium	mg/Kg	40.9J	38.3J	39.3J	33.1J	52.3	78.2	44.4J	36.6J	79.2
Beryllium	mg/Kg	0.55J	0.53J	0.68J	0.38J	0.70J	0.90J	0.60J	0.48J	0.80J
Cadmium	mg/Kg	R	R	R	R	R	R	R	R	R
Calcium	mg/kg	379J	348J	1740J	4540J	662J	565J	517J	350J	518J
Chromium Total	mg/Kg	16.9	17.0	19.8	11.3	20.7	19.2	16.8	14.5	19.2
Cobalt	mg/Kg	9.5J	9.4J	10.4J	10.0J	13.3	17.7	9.3J	8.2J	14.0
Copper	mg/Kg	17.2	16.9	31.0	21.0	34.4	38.2	26.1	16.3	28.3
Cyanide (total)	mg/Kg	0.59U	0.59U	0.56U	0.57U	0.60U	0.57U	0.56U	0.59U	0.61U
Iron	mg/Kg	25400	24700	29100	18800	31500	29900	25000	21300	27200
Lead	mg/Kg	10.8	10.9	12.3	11.1	19.9	20.5	12.8	8.7	18.2

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*S-11*	*S-11*	*S-11*	*S-12*	*S-12*	*S-13*	*S-13*	*S-14*	*S-14*
Sample ID:		*S-050603-SW-024*	*S-050603-SW-025*	*S-050603-SW-026*	*S-050603-SW-031*	*S-050603-SW-032*	*S-050603-SW-029*	*S-050603-SW-030*	*S-050603-SW-027*	*S-050603-SW-028*
Sample Date:		*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*
Sample Depth:		*[0-2]*	*[0-2]*	*[-]*	*[0-2]*	*[-]*	*[0-2]*	*[8-9]*	*[0-2]*	*[8-9]*
			Duplicate							
Parameter	*Units*									
Magnesium	mg/kg	5230	5470	6580	4880	6840	5520	5240	4150	5520
Manganese	mg/kg	477	524	1200	733	1150	1430	729	457	957
Mercury	mg/Kg	0.059U	0.059U	0.056U	0.057U	0.060U	0.057U	0.056U	0.059U	0.061U
Mercury	ug/g	--	--	--	--	--	--	--	--	--
Nickel	mg/Kg	21.9	21.5	28.7	20.5	26.8	32.5	22.0	18.8	31.1
Potassium	mg/kg	1050J	1130J	1590	797J	935J	11.20J	830J	857J	2170
Selenium	mg/Kg	0.52UJ	0.52UJ	0.50UJ	0.50UJ	0.53UJ	0.50UJ	0.49UJ	0.52UJ	0.54UJ
Silver	mg/kg	0.16J	0.10J	0.13J	0.098J	0.095U	0.29J	0.12J	0.13J	0.11J
Sodium	mg/Kg	44.3J	45.7J	66.4J	32.0J	51.2J	60.5J	42.5J	36.3J	49.5J
Thallium	mg/Kg	0.94J	0.86J	1.2J	0.52U	1.1J	0.90J	1.2J	0.79J	0.56U
Vanadium	mg/Kg	21.9	21.9	20.7	12.7	24.9	21.0	18.7	18.9	23.2
Zinc	mg/Kg	52.0	50.8	80.3	61.6	74.1	71.9	65.4	47.0	68.8
Wet Chemistry										
Total Solids	%	84.4	84.5	88.5	87.8	83.8	88.1	88.9	84.5	82.2

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*S-15*	*S-15*	*S-15*	*S-18*	*S-18*
Sample ID:		*S-050603-SW-007*	*S-050603-SW-008*	*S-050603-SW-009*	*S-050603-SW-012*	*S-050603-SW-013*
Sample Date:		*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*
Sample Depth:		*[0-2]*	*[5-7]*	*[5-7]*	*[0-2]*	*[3-4]*
				Duplicate		
Parameter	*Units*					
TCL Pesticides						
4,4'-DDD	ug/kg	3.8U	--	--	3.9U	--
4,4'-DDE	ug/kg	33	--	--	3.9U	--
4,4'-DDT	ug/kg	27J	--	--	3.9U	--
Aldrin	ug/kg	1.9U	--	--	2.0U	--
alpha-BHC	ug/kg	1.9U	--	--	2.0U	--
alpha-Chlordane	ug/kg	1.9U	--	--	2.0U	--
beta-BHC	ug/kg	1.9U	--	--	2.0U	--
delta-BHC	ug/kg	1.9U	--	--	2.0U	--
Dieldrin	ug/kg	3.8U	--	--	3.9U	--
Endosulfan I	ug/kg	1.9U	--	--	2.0U	--
Endosulfan II	ug/kg	3.8U	--	--	3.9U	--
Endosulfan sulfate	ug/kg	3.8U	--	--	3.9U	--
Endrin	ug/kg	3.8U	--	--	3.9U	--
Endrin aldehyde	ug/kg	3.8U	--	--	3.9U	--
Endrin ketone	ug/kg	3.8U	--	--	3.9U	--
gamma-BHC (Lindane)	ug/kg	1.9U	--	--	2.0U	--
gamma-Chlordane	ug/kg	1.9U	--	--	2.0U	--
Heptachlor	ug/kg	1.9U	--	--	2.0U	--
Heptachlor epoxide	ug/kg	1.9U	--	--	2.0U	--
Methoxychlor	ug/kg	19U	--	--	20U	--
Toxaphene	ug/kg	190U	--	--	200U	--
TAL Inorganics						
Aluminum	mg/Kg	17800	13000	16100	16600	20800
Antimony	mg/Kg	0.56J	0.47UJ	0.48UJ	0.52UJ	0.54UJ
Arsenic	mg/kg	9.0J	5.3J	6.9J	5.9J	13.9J
Barium	mg/Kg	48.6	49.6	59.4	58.0	41.1J
Beryllium	mg/Kg	0.79J	0.60J	0.72J	0.72J	0.96J
Cadmium	mg/Kg	R	0.021U	R	R	0.024U
Calcium	mg/kg	651J	1500J	1670J	255J	837J
Chromium Total	mg/Kg	20.6	18.6	21.9	15.6	28.8
Cobalt	mg/Kg	12.5	10.5J	10.9	8.8J	25.4
Copper	mg/Kg	27.4	26.4	34.6	17.1	46.6
Cyanide (total)	mg/Kg	0.57U	0.53U	0.54U	0.59U	0.61U
Iron	mg/Kg	30000	28900	34800	22700	48500
Lead	mg/Kg	16.5	12.6	14.8	14.5	24.8

TABLE I.1-8

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*S-15*	*S-15*	*S-15*	*S-18*	*S-18*
Sample ID:		*S-050603-SW-007*	*S-050603-SW-008*	*S-050603-SW-009*	*S-050603-SW-012*	*S-050603-SW-013*
Sample Date:		*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*	*05/06/2003*
Sample Depth:		*[0-2]*	*[5-7]*	*[5-7]*	*[0-2]*	*[3-4]*
				Duplicate		
Parameter	*Units*					
Magnesium	mg/kg	6100	6000	7490	3800	12300
Manganese	mg/kg	751	1080	1300	594	948
Mercury	mg/Kg	0.057U	0.053U	0.054U	0.063J	0.061U
Mercury	ug/g	--	--	--	--	--
Nickel	mg/Kg	25.0	25.8	29.0	18.0	43.1
Potassium	mg/kg	1040J	960J	1040J	829J	1520
Selenium	mg/Kg	0.50UJ	0.47UJ	0.48UJ	0.52UJ	0.54UJ
Silver	mg/kg	0.092U	0.085U	0.11J	0.095U	0.15J
Sodium	mg/Kg	39.1J	39.6J	45.2J	31.9J	40.6J
Thallium	mg/Kg	0.95J	0.97J	1.8J	0.77J	2.5
Vanadium	mg/Kg	24.5	18.0	22.3	21.2	24.7
Zinc	mg/Kg	84.0	78.6	94.3	67.0	102
Wet Chemistry						
Total Solids	%	87.3	94.0	92.1	84.6	82.0

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

APPENDIX I.2

GROUNDWATER

TABLE I2.1

ANALYTICAL RESULTS
GROUNDWATER SAMPLING - 1985
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1*	*MW-3*	*MW-4*	*MW-7*	*MW-5*	*SW-2*	*SW-3*	*SW-4*	*SW-6*	*SW-7*	*SW-8*	*SW-9*	*SW-10*	*T-1*
Sample ID:		*DW-1*	*DW-2*	*MW-1*	*MW-3*	*MW-4*	*MW-7*	*MW-5*	*SW-2*	*SW-3*	*SW-4*	*SW-6*	*SW-7*	*SW-8*	*SW-9*	*SW-10*	*T-1*
Sample Date:		*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*	*12/01/1985*
Parameter	***Units***																
TCL Volatiles																	
2-Butanone (Methyl Ethyl Ketone)	ug/l	10U	10U	10U	14	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acetone	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	39
Benzene	ug/l	5U	5U	5U	46	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Toluene	ug/l	5U	5U	5U	192	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Xylene (total)	ug/l	5	5U	5U	5U	5U	465	32	5U	5U	5U	5U	5U	5U	5U	5U	12
TCL Semi-volatiles																	
2-Aminopyridine	ug/l	110	25U	25U	1300	87	25U	1200	736	25U	25U	25U	25U	25U	25U	25U	830
2-chloropyridine	ug/l	33	25U	25U	25U	25U	25U	54	25U	25U	25U	25U	25U	25U	25U	25U	25U
2-Picoline	ug/l	25	25U	25U	52	52	255	93	25U	25U	25U	25U	25U	25U	25U	25U	570
Aniline	ug/l	--	--	--	--	--	--	48	--	--	--	--	--	--	--	--	140
Pyridine	ug/l	6000	5300	1000	67600	7600	45000	17100	26000	1200	5400	1800	1000U	8500	1000U	3500	22400
TAL Inorganics																	
Antimony	ug/l	100U	100U	100U	180	100U	100U	150	100U	100U	10U	100U	100U	100U	100U	100U	100U
Arsenic	ug/l	2	16	1U	123	27	85	111	30	55	1U	1U	3	37	1U	8	35
Barium	ug/l	50U	50U	50U	226	50U	50U	82	50U	50U	50U	50U	218	65	50U	50U	150
Beryllium	ug/l	3U	3U	3U	28	10	15	10	3U	3U	3U	8	10	9	3U	3U	6
Cadmium	ug/l	6	3U	5	15	9	7	18	4	8	3U	5	6	3U	3U	3U	8
Chromium Total	ug/l	10U	10U	10U	204	10U	69	101	10U	30	17	13	10U	10U	10U	13	20
Copper	ug/l	10U	11	25	537	61	214	264	16	54	24	10U	10U	19	10U	11	46
Cyanide (total)	ug/l	20U	190	110	5790	20U	150	50	150	300	650	20U	20U	40	20	25	610
Lead	ug/l	25U	25U	25U	397	370	81	191	25U	29	661	25U	25U	25U	25U	25U	40
Mercury	ug/l	0.5U	0.5U	0.5U	0.9	1.6	1.6	3.9	0.5U	1.4	1.7	0.5U	0.5U	0.5U	0.9	0.8	1.3
Nickel	ug/l	33	20U	33	626	32	139	379	26	30	36	20U	20U	20U	20U	20U	39
Selenium	ug/l	8	19	14	3	1	1	30	1	5	38	6	5	13	10	1	2
Sodium	ug/l	333700	310000	209600	347700	242700	622000	197100	20	60700	204000	24860	26740	280100	141500	79300	345100
Thallium	ug/l	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	ug/l	189	80	95	1598	124	415	972	5	151	108	106	157	136	136	99	548
Wet Chemistry																	
Calcium Carbonate	ug/l	70	17	26	11	2	29	500	4	20	15	2	53	7	19	27	1
Chloride	ug/l	98	61	18	20	27	176	21	21	9	45	1	13	19	13	4	25
Sulfate	ug/l	162	207	149	5	6	64	24	251	45	140	6	10	604	344	138	306
Total Organic Carbon (TOC)	ug/l	39	25	13	110	24	130	45	25	17	10	9	4	30	12	38	9

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-3D-91*	*MW-4D-91*	*SW-2*	*SW-3*	*SW-4*	*SW-9*	*SW-10*	*WELL 1*	*WELL 3*
Sample ID:		*GWWW06*	*GWWW10*	*GWWW15*	*GWWW15 Dup*	*GWWW08*	*GWWW12*	*GWWW12 Dup*	*GWWW14*	*GWWW11*	*GWWW05*	*GWWW02*	*GWWW03*	*GWWW04*	*GWWW01*	*GWWW19*	*GWWW20*
Sample Date:		*08/23/1991*	*08/26/1991*	*08/27/1991*	*08/27/1991*	*08/26/1991*	*08/26/1991*	*08/26/1991*	*08/27/1991*	*08/26/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*10/16/1991*	*10/16/1991*
					Duplicate			*Duplicate*									
Parameter	*Units*																
TCL Volatiles																	
1,1,1-Trichloroethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	7	5U	5U
1,1,2,2-Tetrachloroethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1-Dichloroethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1-Dichloroethene	ug/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloroethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloroethene (total)	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloropropane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Hexanone	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10U	8J	10U	10U	10U	220	150D	10U	10U	3J	10U	11	10U	10U	10U	10U
Acetone	ug/L	10U	4U	10U	10U	10U	330J	440J	5J	10U	10U	4J	8U	10U	10U	10U	10U
Benzene	ug/L	160	68J	5U	5U	81	210D	170D	5U	5U	5U	5U	9	5U	5U	5U	5U
Bromodichloromethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Bromoform	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Bromomethane (Methyl Bromide)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Carbon tetrachloride	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Chlorobenzene	ug/L	3J	8J	5U	5U	10	5U	12JD	5U	5U	4J	5U	5U	5U	5U	5U	5U
Chloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Chloromethane (Methyl Chloride)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
cis-1,3-Dichloropropene	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Dibromochloromethane	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Ethylbenzene	ug/L	11	3J	5U	5U	5U	120	100	5U	5U	4J	5U	24	5U	5U	5U	5U
Methylene chloride	ug/L	5U	2U	5U	5U	5U	1J	2	5U	5U	5U	2J	1J	5U	3J	2J	2J
Styrene	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Tetrachloroethene	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Toluene	ug/L	5U	3J	6U	5U	5U	44J	56J	3U	2J	5U	5U	4U	5U	5U	5U	5U
trans-1,3-Dichloropropene	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Trichloroethene	ug/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Vinyl acetate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	2U	2U
Xylene (total)	ug/L	6	5U	5U	5U	2J	290J	380J	5U	5U	5	5U	76	5U	5U	5U	5U
TCL Semi-volatiles																	
1,2,4-Trichlorobenzene	ug/L	11UJ	10UJ	11UJ	10U	11UJ	10UJ	11UJ	11UJ	11UJ	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11UJ
1,2-Dichlorobenzene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	4.7UJ	4.7U
1,3-Dichlorobenzene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
1,4-Dichlorobenzene	ug/L	11UJ	10UJ	11UJ	10UJ	11UJ	10UJ	11UJ	11UJ	11UJ	11UJ	11UJ	11UJ	12UJ	11UJ	4.7UJ	4.7UJ
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
2,4,5-Trichlorophenol	ug/L	53R	51U	55U	51U	57U	52R	53R	54U	53U	56U	56UJ	55U	60R	54UJ	51UJ	53U
2,4,6-Trichlorophenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10UJ	11U
2,4-Dichlorophenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
2,4-Dimethylphenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
2,4-Dinitrophenol	ug/L	53R	51U	55U	51U	57U	52R	53R	54U	53U	56U	56UJ	55U	60R	54UJ	51U	53U
2,4-Dinitrotoluene	ug/L	11U	10UJ	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U

TABLE I2.2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-3D-91*	*MW-4D-91*	*SW-2*	*SW-3*	*SW-4*	*SW-9*	*SW-10*	*WELL 1*	*WELL 3*
Sample ID:		*GWWW06*	*GWWW10*	*GWWW15*	*GWWW15 Dup*	*GWWW08*	*GWWW12*	*GWWW12 Dup*	*GWWW14*	*GWWW11*	*GWWW05*	*GWWW02*	*GWWW03*	*GWWW04*	*GWWW01*	*GWWW19*	*GWWW20*
Sample Date:		*08/23/1991*	*08/26/1991*	*08/27/1991*	*08/27/1991*	*08/26/1991*	*08/26/1991*	*08/26/1991*	*08/27/1991*	*08/26/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*10/16/1991*	*10/16/1991*
					Duplicate			*Duplicate*									
Parameter	*Units*																
2,6-Dinitrotoluene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
2-Aminopyridine	ug/L	110	310	63J	35J	120J	210	670J	11U	11U	450E	14J	360J	12UJ	23J	10U	11U
2-Chloronaphthalene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
2-Chlorophenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
2-Methylnaphthalene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
2-Methylphenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
2-Nitroaniline	ug/L	53U	51U	55U	51U	57U	52U	53U	54U	53U	56UJ	56UJ	55U	60UJ	54UJ	51UJ	53U
2-Nitrophenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
2-Picoline	ug/L	4J	24	3J	10U	11U	94	100	11U	11U	22	11UJ	10J	12UJ	11UJ	10U	11U
3,3'-Dichlorobenzidine	ug/L	21U	20U	22U	20U	23UJ	21U	21U	22U	21U	22UJ	22UJ	22U	24UJ	22UJ	20U	21U
3-Nitroaniline	ug/L	53U	51U	55U	51U	57UJ	52U	53U	54U	53U	56UJ	56UJ	55U	60UJ	54UJ	51UJ	53U
4,6-Dinitro-2-methylphenol	ug/L	53R	51U	55U	51U	57U	52R	53R	54U	53U	56U	56UJ	55U	60R	54UJ	51UJ	53U
4-Bromophenyl phenyl ether	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
4-Chloro-3-methylphenol	ug/L	11R	10U	11U	10U	11R	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
4-Chloroaniline	ug/L	55	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
4-Chlorophenyl phenyl ether	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
4-Methylphenol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
4-Nitroaniline	ug/L	53U	51U	55U	51U	57U	52U	53U	54U	53U	56UJ	56UJ	55U	60UJ	54UJ	51UJ	53U
4-Nitrophenol	ug/L	53R	51UJ	55UJ	51UJ	57UJ	52R	53R	54UJ	53UJ	56UJ	56UJ	55UJ	60R	54UJ	51U	53U
Acenaphthene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Acenaphthylene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Anthracene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzo(a)anthracene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzo(a)pyrene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzo(b)fluoranthene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzo(g,h,i)perylene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzo(k)fluoranthene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Benzoic acid	ug/L	53R	51U	55U	51U	57U	52R	53R	54U	53U	56U	56UJ	55U	60R	54UJ	51U	53U
Benzyl Alcohol	ug/L	11R	10U	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
bis(2-Chloroethoxy)methane	ug/L	11U	10U	11U	10UJ	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
bis(2-Chloroethyl)ether	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
bis(2-Ethylhexyl)phthalate	ug/L	130	63U	70J	54UJ	110J	57U	59U	56U	50U	120UJ	93UJ	140U	170UJ	110UJ	50	56
Butyl benzylphthalate	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Chrysene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Dibenz(a,h)anthracene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Dibenzofuran	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Diethyl phthalate	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Dimethyl phthalate	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Di-n-butylphthalate	ug/L	160	96U	110J	10UJ	150J	87	91	100	86	160UJ	140UJ	190U	190UJ	150UJ	10U	11U
Di-n-octyl phthalate	ug/L	220	79U	100J	10UJ	120J	71	79	79	73	200UJ	170UJ	270U	290UJ	210UJ	10U	11U
Fluoranthene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Fluorene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Hexachlorobenzene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Hexachlorobutadiene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Hexachlorocyclopentadiene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Hexachloroethane	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Indeno(1,2,3-cd)pyrene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Isophorone	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Naphthalene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Nitrobenzene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
N-Nitrosodi-n-propylamine	ug/L	11UJ	10UJ	11UJ	10UJ	11UJ	10UJ	11UJ	11UJ	11UJ	11UJ	11UJ	11UJ	12UJ	11UJ	10UJ	11UJ

TABLE I2.2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-3D-91*	*MW-4D-91*	*SW-2*	*SW-3*	*SW-4*	*SW-9*	*SW-10*	*WELL 1*	*WELL 3*
Sample ID:		*GWWW06*	*GWWW10*	*GWWW15*	*GWWW15 Dup*	*GWWW08*	*GWWW12*	*GWWW12 Dup*	*GWWW14*	*GWWW11*	*GWWW05*	*GWWW02*	*GWWW03*	*GWWW04*	*GWWW01*	*GWWW19*	*GWWW20*
Sample Date:		*08/23/1991*	*08/26/1991*	*08/27/1991*	*08/27/1991*	*08/26/1991*	*08/26/1991*	*08/26/1991*	*08/27/1991*	*08/26/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*10/16/1991*	*10/16/1991*
					Duplicate			*Duplicate*									
Parameter	*Units*																
N-Nitrosodiphenylamine	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Pentachlorophenol	ug/L	53R	51U	55U	51U	57U	52R	53R	54U	53U	56U	56UJ	55U	60R	54UJ	51U	53U
Phenanthrene	ug/L	11U	10U	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10UJ	11U
Phenol	ug/L	11R	10R	11U	10U	11U	10R	11R	11U	11U	11U	11UJ	11U	12R	11UJ	10U	11U
Pyrene	ug/L	11U	10UJ	11U	10U	11U	10U	11U	11U	11U	11UJ	11UJ	11U	12UJ	11UJ	10U	11U
Pyridine	ug/L	11U	6J	11U	10U	11U	130	140	11U	11U	11UJ	11UJ	12	12UJ	11UJ	10U	11U
TAL Inorganics																	
Aluminum	ug/L	475	552U	1,860	1,650	161,000	36,700J	4,390J	7,310	18,600	27,100	35,800	26,200	14,000	3,400	55.4U	51.1
Antimony	ug/L	30U	30U	30.3U	30.3U	30U	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U	30.4U	33.9U	30.3
Arsenic	ug/L	21.4J	22.6	11U	10.6U	44.4J	33.7	24.8J	9.2U	10.2U	48.1	17.2	14.9U	8.9U	4.4U	1.7U	1.7U
Barium	ug/L	69.10	30.0	54.5	53.2	794	212J	48.2J	96.4	75.9	122	163	96.5	84.1	30.8	66.3	162
Beryllium	ug/L	0.30	0.3U	0.90	0.80	8.1	1.9	0.30	1.0	1.5	1.4	2.4	1.6	1.0	0.70	0.3U	0.3U
Cadmium	ug/L	4.8U	4.8U	4.8U	4.8U	21.8	4.8U	4.8U	1U	4.8U	5.7	12.6	5.9	4.8U	4.8U	4.8U	4.8U
Calcium	ug/L	20,900	7,060	40,600	40,200	19,100	17,300J	8,710J	42,900	32,100	7,800	33,400	12,900	13,800	37,700	60,300	50,700
Chromium Total	ug/L	10U	10U	10.0	10.0	170	50.0J	10.0J	30.0	20.0	30.0	40.0	40.0	20.0	10.0	10U	10U
Cobalt	ug/L	5.4U	5.4U	5.4U	5.4U	90.1	22.5J	7.7J	5.4U	7.1	21.8	24.8	22.5	15.4	5.4U	5.6U	5.4U
Copper	ug/L	12.4	8.6	11.9	12.5	383	85.4J	32.8J	22.0	36.1	63.1	84.6	126	33.9	14.4	20.7	16.1
Iron	ug/L	7,390	3,440	5,820	5,400	181,000	45,200J	5,590J	9,890	21,300	34,700	55,200	42,900	25,200	4,860	250J	200
Lead	ug/L	4.2U	5.7	9.6	8.7	262	151J	17.2J	20.0	26.0	36.0	320	111	21.8	6.5	2.4U	1.1U
Magnesium	ug/L	5,970	1,900	7,660	7,560	42,900	16,700J	4,400J	12,600	12,200	9,590	20,300	9,930	5,620	8,890	12,100	11,500
Manganese	ug/L	870	298	6,060	6,050	14,200	2,070J	475J	277	4,110	1,490	5,920	6,810	15,200	1,520	901	147
Mercury	ug/L	0.2U	0.20	0.2U	0.2U	0.43	0.57J	0.20J	0.2U	0.2U	0.62	0.57	0.48	0.62	0.2U	0.2U	0.2U
Nickel	ug/L	26.0	14.7U	41.8	38.1	250	66.0J	21.9J	28.6	37.7	43.0	78.4	93.5	77.3	14.7U	14.7U	14.7U
Potassium	ug/L	2,420	5,320	9,320	9,300	36,700	24,100J	16,000J	3,440	5,330	13,100	11,600	7,250	6,710	6,740	1860U	1,850
Selenium	ug/L	0.4UJ	0.2U	0.2U	0.2U	0.4UJ	0.4U	0.2U	0.2U	0.2U	0.2U	0.55UJ	0.2U	0.2UJ	0.2U	0.5U	0.2U
Silver	ug/L	4.2U	4.2U	4.2U	0.2U	4.2U	4.2U	4.2U	17.8	4.2U	4.2U	4.2U	4.2U	4.2U	4.2U	6.6U	4.2U
Sodium	ug/L	261,000	257,000	53,700	54,900	70,400	358,000	431,000	5,660	28,600	252,000	30,900	138,000	95,400	118,000	16,600	18,600
Thallium	ug/L	1.6U	2U	1.7U	1.5U	1.5U	2.4U	2.8U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U
Vanadium	ug/L	5.7U	5.7U	5.7U	5.7U	247	59.7J	9.6J	12.5	23.8	50.2	56.1	44.4	19.5	5.7U	5.7U	5.7U
Zinc	ug/L	5.2	39.1J	45.3J	12.9J	875	168J	22.5J	51.4	66.6	117	178	219	111	27.0	240	80.0
Cyanide (total)	ug/L	10U	96.0	10U	10U	50.0	730J	400J	10U	10U	196	74.0	188	10U	178	10U	10U
TCL Pesticides/PCBs																	
4,4'-DDD	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
4,4'-DDE	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
4,4'-DDT	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aldrin	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
alpha-BHC	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
alpha-Chlordane	ug/L	0.6U	0.53U	0.63U	0.62U	0.51U	0.53U	0.62U	0.5U	0.51U	0.53U	0.53U	0.59U	0.53U	0.53U	0.1U	0.1U
Aroclor-1016 (PCB-1016)	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aroclor-1221 (PCB-1221)	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aroclor-1232 (PCB-1232)	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aroclor-1242 (PCB-1242)	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aroclor-1248 (PCB-1248)	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Aroclor-1254 (PCB-1254)	ug/L	0.24U	0.21U	0.25U	0.25U	0.2U	0.21U	0.25U	0.2U	0.2U	0.21U	0.21U	0.24U	0.21U	0.21U	0.2U	0.2U
Aroclor-1260 (PCB-1260)	ug/L	0.24U	0.21U	0.25U	0.25U	0.2U	0.21U	0.25U	0.2U	0.2U	0.21U	0.21U	0.24U	0.21U	0.21U	0.2U	0.2U
beta-BHC	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
delta-BHC	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U

TABLE I2.2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-2D-91*	*MW-2D-91*	*MW-3D-91*	*MW-4D-91*	*SW-2*	*SW-3*	*SW-4*	*SW-9*	*SW-10*	*WELL 1*	*WELL 3*
Sample ID:		*GWWW06*	*GWWW10*	*GWWW15*	*GWWW15 Dup*	*GWWW08*	*GWWW12*	*GWWW12 Dup*	*GWWW14*	*GWWW11*	*GWWW05*	*GWWW02*	*GWWW03*	*GWWW04*	*GWWW01*	*GWWW19*	*GWWW20*
Sample Date:		*08/23/1991*	*08/26/1991*	*08/27/1991*	*08/27/1991*	*08/26/1991*	*08/26/1991*	*08/26/1991*	*08/27/1991*	*08/26/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*08/23/1991*	*10/16/1991*	*10/16/1991*
					Duplicate			*Duplicate*									
Parameter	*Units*																
Dieldrin	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Endosulfan I	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
Endosulfan II	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Endosulfan sulfate	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Endrin	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
Endrin ketone	ug/L	0.12U	0.11U	0.13U	0.12U	0.1U	0.11U	0.12U	0.1U	0.1U	0.11U	0.11U	0.12U	0.11U	0.11U	0.1U	0.1U
gamma-BHC (Lindane)	ug/L	0.06UJ	0.053UJ	0.063UJ	0.062UJ	0.051UJ	0.053UJ	0.062UJ	0.05UJ	0.051UJ	0.053UJ	0.053UJ	0.059UJ	0.053UJ	0.053UJ	0.05U	0.05U
gamma-Chlordane	ug/L	0.6U	0.53U	0.63U	0.62U	0.51U	0.53U	0.62U	0.5U	0.51U	0.53U	0.53U	0.59U	0.53U	0.53U	0.1U	0.1U
Heptachlor	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
Heptachlor epoxide	ug/L	0.06U	0.053U	0.063U	0.062U	0.051U	0.053U	0.062U	0.05U	0.051U	0.053U	0.053U	0.059U	0.053U	0.053U	0.05U	0.05U
Methoxychlor	ug/L	0.6U	0.53U	0.63U	0.62U	0.51U	0.53U	0.62U	0.5U	0.51U	0.53U	0.53U	0.59U	0.53U	0.53U	0.5U	0.5U
Toxaphene	ug/L	1.2U	1.1U	1.3U	1.2U	1U	1.1U	1.2U	1U	1U	1.1U	1.1U	1.2U	1.1U	1.1U	1U	1U
Wet Chemistry																	
pH	S.U.	7.7	8.4	7.2	7.2	7.7	9.2	9.2	8.1	7.6	8.4	6.8	7.2	6.5	7.1	7.5	7.8
Petroleum Hydrocarbons	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE 12.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		DW-1	DW-2	MW-1	MW-1D-91	MW-2D-91	MW-2D-91	MW-3	MW-3D-91	MW-3D-91	MW-4D-91	MW-5D-95	MW-5I-95	MW-6D-95	MW-6D-95
Sample ID:		GW026	GW028	GW016	GW003	GW012	GW013	GW018	GW008	GW009	GW004	GW022	GW019	GW024	GW025
Sample Date:		06/09/1995	06/09/1995	06/07/1995	06/05/1995	06/06/1995	06/06/1995	06/07/1995	06/06/1995	06/06/1995	06/05/1995	06/08/1995	06/07/1995	06/08/1995	06/08/1995
							Duplicate			Duplicate					Duplicate
Parameter	Units														
TCL Volatiles															
1,1,1-Trichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2,2-Tetrachloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2-Trichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	1J	1J
1,2-Dichloroethene (total)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloropropane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Butanone (Methyl Ethyl Ketone)	ug/L	15J	25J	10U	10U	10U	10U	10U	10U	10U	10U	10UJ	10U	10UJ	10UJ
2-Hexanone	ug/L	3J	3J	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10U	1J	10U	10U	10	10	9J	10U	10U	10U	10U	10U	10U	10U
Acetone	ug/L	77J	100J	10U	10U	22	22	10U	10U	10U	10U	10UJ	10U	5J	7J
Benzene	ug/L	130J	12J	10U	12	88	84	100J	10U	10U	10U	10U	10U	10U	10U
Bromodichloromethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bromoform	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bromomethane (Methyl Bromide)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon tetrachloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chlorobenzene	ug/L	10U	10U	10U	2J	11	10	69	10U	10U	10U	10U	10U	10U	10U
Chloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloromethane (Methyl Chloride)	ug/L	10U	10U	10UJ	10U	10UJ	10UJ	10UJ	10UJ	10UJ	10U	10U	10UJ	10U	10U
cis-1,3-Dichloropropene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibromochloromethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Ethylbenzene	ug/L	4J	10U	10U	10U	54	57	27	10U	10U	10U	10U	10U	10U	10U
Methylene chloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Styrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Toluene	ug/L	1J	2J	10U	10U	4J	4J	15	10U	10U	10U	10U	10U	2J	2J
trans-1,3-Dichloropropene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Trichloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl acetate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Xylene (total)	ug/L	2J	4J	10U	10U	130	100	45	10U	10U	10U	10U	10U	2J	2J
TCL Semi-volatiles															
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	R	25U	25U	25U	25U	25UJ	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	R	25UJ	R	25UJ	25UJ	25UJ	R	25U	25U	25UJ	25U	R	25UJ	25UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/L	10U	10U	10U	10U	72J	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/L	R	10U	10U	10U	2J	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	25U	25U	25U	25U	25U	25UJ	25U	25U	25U	25U	25U	25U	25U	25U
2-Nitrophenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/L	8J	10U	10U	10U	2J	10UJ	10U	10U	10U	10U	10U	10U	10U	10U

TABLE 12.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1*	*MW-1D-91*	*MW-2D-91*	*MW-2D-91*	*MW-3*	*MW-3D-91*	*MW-3D-91*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-6D-95*	*MW-6D-95*
Sample ID:		*GW026*	*GW028*	*GW016*	*GW003*	*GW012*	*GW013*	*GW018*	*GW008*	*GW009*	*GW004*	*GW022*	*GW019*	*GW024*	*GW025*
Sample Date:		*06/09/1995*	*06/09/1995*	*06/07/1995*	*06/05/1995*	*06/06/1995*	*06/06/1995*	*06/07/1995*	*06/06/1995*	*06/06/1995*	*06/05/1995*	*06/08/1995*	*06/07/1995*	*06/08/1995*	*06/08/1995*
							Duplicate			*Duplicate*					*Duplicate*
Parameter	*Units*														
3,3'-Dichlorobenzidine	ug/L	10UJ	10UJ	10U	10U	10U	10UJ	10U	10U	10U	10U	10UJ	10U	10UJ	10UJ
3-Nitroaniline	ug/L	25U	25U	25U	25UJ	25UJ	25UJ	25U	25U	25U	25UJ	25U	25U	25U	25U
4,6-Dinitro-2-methylphenol	ug/L	R	25U	25UJ	25U	25UJ	25UJ	25UJ	25U	25U	25U	25U	25UJ	25U	25U
4-Bromophenyl phenyl ether	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl phenyl ether	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	25U	25U	25U	25UJ	25UJ	25UJ	25U	25U	25U	25UJ	25U	25U	25U	25U
4-Nitrophenol	ug/L	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Acenaphthene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
bis(2-Chloroethoxy)methane	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/L	34	5J	10U	2J	10U	10UJ	10U	10U	10U	10U	7J	10U	6J	7J
Butyl benzylphthalate	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Dibenzofuran	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	ug/L	10U	10U	3J	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Fluoranthene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10UJ	10UJ	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10UJ	10UJ	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10U	10UJ	10U	10UJ	10UJ	10UJ	10UJ	10UJ	10U	10U	10U	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10UJ
Isophorone	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Phenanthrene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/L	R	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/L	4J	10U	10U	10U	10U	10UJ	3J	10U	10U	10U	10U	10U	10U	10U

TABLE I2.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1*	*DW-2*	*MW-1*	*MW-1D-91*	*MW-2D-91*	*MW-2D-91*	*MW-3*	*MW-3D-91*	*MW-3D-91*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-6D-95*	*MW-6D-95*
Sample ID:		*GW026*	*GW028*	*GW016*	*GW003*	*GW012*	*GW013*	*GW018*	*GW008*	*GW009*	*GW004*	*GW022*	*GW019*	*GW024*	*GW025*
Sample Date:		*06/09/1995*	*06/09/1995*	*06/07/1995*	*06/05/1995*	*06/06/1995*	*06/06/1995*	*06/07/1995*	*06/06/1995*	*06/06/1995*	*06/05/1995*	*06/08/1995*	*06/07/1995*	*06/08/1995*	*06/08/1995*
							Duplicate			*Duplicate*					*Duplicate*
Parameter	*Units*														
TAL Inorganics															
Aluminum	ug/L	381U	26,500J	51,100J	133U	4,730J	6,000J	61,500J	1,030J	961J	86.2U	351U	13,400J	654J	679J
Aluminum (Dissolved)	ug/L	113U	75.6U	39.7	9.9U	65.7J	95J	349	9.9U	9.9U	9.9U	38.5U	48.6U	44.5U	51U
Antimony	ug/L	2.4U	21.4	7.1U	7.1U	7.1U	7.1U	2.6	7.1U	7.1U	7.1U	2.4U	2.4U	2.4U	3.0
Antimony (Dissolved)	ug/L	2.4U	2.4U	7.1U	7.1U	7.1U	7.1U	2.4U	7.1U	7.1U	7.1U	2.4U	2.4U	2.4U	2.4U
Arsenic	ug/L	6.0	130.0	34.5	6.7	20.0	18.5	50.0	1.7	1.4U	1.8	3.9	7.9	3.7	3.3
Arsenic (Dissolved)	ug/L	3.9	2.7	1.4U	1.4U	17.4	16.7	11.9	1.4U	1.4U	1.4U	2.7	1.4U	1.6	1.4U
Barium	ug/L	527.0	2730.0	252J	60.5J	51.2J	52.2J	181	43.8J	43.4J	12.1	326	70.3	252.0	247.0
Barium (Dissolved)	ug/L	624	1380	198	47.4	331	324	210	88.4	90.4	76.3	389	4.7	177	217
Beryllium	ug/L	0.73U	1.7U	2.9U	0.3U	0.57U	0.5U	4.3U	0.3U	0.3U	1.1U	0.4U	1.1U	0.37U	0.4U
Beryllium (Dissolved)	ug/L	0.4U	0.3U	0.8U	0.4U	0.5U	0.5U	0.77U	0.3U	0.7U	0.3U	0.3U	0.3U	0.3U	0.3U
Cadmium	ug/L	0.4U	1.6U	0.8U	0.4U	0.4U	0.4U	0.63U	0.4U	0.4U	0.63U	0.4U	0.4U	0.4U	0.4U
Cadmium (Dissolved)	ug/L	0.5U	0.4U	0.4U	0.4U	0.4U	0.4U	0.67U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U
Calcium	ug/L	280,000	105,000	17,800	37,900	12,000	11,400	7,820	39,500	39,200	32,800	122,000	19,200	151,000	154,000
Calcium (Dissolved)	ug/L	269,000	446,000	14,100	38,900	8,150	8,240	1,740	40,400	41,300	29,300	117,000	15,000	62,300J	96,500J
Chromium Total	ug/L	223.0	97.2	120.0	1.6U	4.6	5.7	118.0	8.1	6.5	0.6U	6.8	19.8	11.5	14.9
Chromium Total (Dissolved)	ug/L	220	56.8	0.73U	0.6U	0.6U	0.6U	1.4U	0.6U	0.6U	0.6U	0.6U	0.93U	4U	5U
Cobalt	ug/L	2.0	24.5	50.5	2.8	11.2	10.7	77.2	3.2	2.9	1.7U	2.2	10.5	3.3	2.8
Cobalt (Dissolved)	ug/L	1.9	5.1	1.7U	2.7	3.3	3.3	2	1.7U	1.7U	1.7U	1.8	1.7U	1.7U	1.7U
Copper	ug/L	15.1	310	163	2.9	26.8	24.1	218	5.9	6.0	1.2U	2.0	33.8	9.7	8.8
Copper (Dissolved)	ug/L	7	59.9	1.7	1.5	3.9	3.8	5	1.2U	1.2U	1.2U	1.2U	1.2U	2.7	3.7
Iron	ug/L	589J	45,900J	83,600	10,200	4,360	4,550	130,000J	1,520	1,280	84.1U	1,590J	19,100J	891J	928J
Iron (Dissolved)	ug/L	35.9U	425	73.4	886	243	240	452	17.9	12.9U	25.3	235	44.4U	18.5U	19.4U
Lead	ug/L	1.6	296	64.5	1.7	21.4	19.6	98.6	4.4	4.7	0.7U	0.7U	10.9	3.6	3.1
Lead (Dissolved)	ug/L	1.4	5.7	0.7U	1.6	2.8	1.8	3.5	0.7U	0.7U	0.7	0.7U	0.7U	0.7U	0.7U
Magnesium	ug/L	504	12,400	16,500	6,520	4,240	4250	22,600	8,240	8,110	7,170	42,500	6,460	2,060	1,890
Magnesium (Dissolved)	ug/L	32.5U	20.4U	2,540	6,780	2,470	2,490	248U	8,320	8,550	6,410	41,600	2,610	722J	424J
Manganese	ug/L	33.1	858	6560	7,450	832	789	8500	170	158	4,420	127	1430	737	660
Manganese (Dissolved)	ug/L	0.5U	0.5U	377	7,350	168	168	36.5	35.8	29	3,480	114	679	1.6U	0.83U
Mercury	ug/L	0.10	0.18	0.16	0.1U	0.82	0.9J	4.30	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Mercury (Dissolved)	ug/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.12	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	ug/L	12.8	69.2	152.0	2.6	11.3	10.9	146.0	4.7	4.4	1.5U	20.2	21.0	8.2	9.2
Nickel (Dissolved)	ug/L	5.2	12.4	1.5U	2.1	3.5	2.9	4.8	1.5U	1.5U	1.5U	10.6	1.8	1.6	1.8
Potassium	ug/L	813,000	298,000	10,800J	5,610J	14,000J	13,700	45,600	500	476	438	799	2,910	17,900	17,900
Potassium (Dissolved)	ug/L	854,000	255,000	665	5,580J	13,300J	13,400J	43,600	265	284	421	956	564	15,700	19,100
Selenium	ug/L	4.2	4.1	3.2	1.9U	1.9U	1.9U	2.2	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U
Selenium (Dissolved)	ug/L	4.6U	4.8	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U
Silver	ug/L	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U
Silver (Dissolved)	ug/L	0.9UJ	0.9UJ	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9UJ	0.9UJ	0.9UJ	0.9UJ
Sodium	ug/L	396,000	311,000	132,000	39,000	294,000	284,000	165,000	6,600	6,420	20,700	49,700	59,400	96,400	90,600
Sodium (Dissolved)	ug/L	442,000	308,000	136,000	36,800	290,000	291,000	174,000	5,980	6,180	24600	51,900	61,500	94,500	95,100
Thallium	ug/L	2.5U	3.6U	2.7	2.9	2.4U	2.4U	10.2U	2.4U	2.4U	2.8	2.4U	3.3U	2.4U	2.4U
Thallium (Dissolved)	ug/L	2.4U	2.4U	2.4U	2.6	2.4U	2.4U	2.9U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U
Vanadium	ug/L	2.3	144	86.1	1.8U	6.3	6.9	97.5	1.8U	1.8U	1.8U	1.8U	22.6	5.6	5.2
Vanadium (Dissolved)	ug/L	1.9	1.8U	1.8U	1.8U	1.8	1.8U	2.2	1.8U	1.8U	1.8U	1.8U	1.8U	3.9	4.1
Zinc	ug/L	50.2U	1170	327J	9.2U	89.8J	58.9J	493	37.9J	43.1J	0.7U	78.9	98.6	41.3U	60.4
Zinc (Dissolved)	ug/L	31.5U	40.6U	60.2J	16	18.8	16.5	52.9	13.1	13.9	11.6	13.2U	12.6U	11.2U	17.2U
Cyanide (total)	ug/L	10U	112	131	14.0	412	408	70.7	10U	10U	10U	10U	10U	10U	10U
Wet Chemistry															
Chloride (Dissolved)	ug/L	28	20	7	4	90	91	5	3	3	8	192	7	5	5

Notes:
- J - Estimated
- U - Non- detect at associated value.
- UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
- R - Value has been rejected.
- -- - Parameter is not analysed.
- TAL - Target Analyte List.
- TCL - Target Compound List

TABLE I2.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-7*	*MW-8U-95*	*SW-2*	*SW-3*	*SW-4*	*SW-6*	*SW-7*	*SW-8*	*SW-9*	*SW-10*	*T-1*	*T-2*	*WELL GALLERY*	*WELL GALLERY*
Sample ID:		*GW005*	*GW017*	*GW010*	*GW001*	*GW014*	*GW021*	*GW006*	*GW002*	*GW007*	*GW023*	*GW015*	*GW011*	*GW039*	*GW040*
Sample Date:		*06/05/1995*	*06/07/1995*	*06/06/1995*	*06/05/1995*	*06/06/1995*	*06/07/1995*	*06/06/1995*	*06/05/1995*	*06/06/1995*	*06/08/1995*	*06/06/1995*	*06/06/1995*	*06/28/1995*	*06/28/1995* *Duplicate*
Parameter	*Units*														
TCL Volatiles															
1,1,1-Trichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2,2-Tetrachloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2-Trichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethane	ug/L	10U	10U	10U	1J	10U	10U	10U	10U	10U	10U	1J	10U	10U	10U
1,2-Dichloroethene (total)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloropropane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10UJ	10U	10U	10U	10U
2-Hexanone	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	48	10U	10U	10U	14	10U	10U	10U	10U	10U	10U	4J	10U	10U
Acetone	ug/L	10U	10U	10U	10U	10U	3J	10U	10U	10U	10UJ	10U	10U	10U	10U
Benzene	ug/L	890	10U	44	16	43	10U	10U	10U	10U	10U	10U	30	10U	10U
Bromodichloromethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bromoform	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Bromomethane (Methyl Bromide)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon tetrachloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chlorobenzene	ug/L	10J	10U	8J	3J	10U	10U	10U	10U	10U	10U	10U	6J	10U	10U
Chloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloromethane (Methyl Chloride)	ug/L	10UJ	10UJ	10UJ	10U	10UJ	10UJ	10UJ	10U	10UJ	10U	10UJ	10UJ	10U	10U
cis-1,3-Dichloropropene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibromochloromethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Ethylbenzene	ug/L	54	10U	2J	10U	33	10U	10U	10U	10U	10U	10U	3J	10U	10U
Methylene chloride	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Styrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Toluene	ug/L	35	10U	10U	10U	6J	10U	10U	10U	10U	10U	10U	1J	10U	10U
trans-1,3-Dichloropropene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Trichloroethene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl acetate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	ug/L	2J	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Xylene (total)	ug/L	400	10U	1J	10U	130	10U	10U	10U	10U	10U	10U	4J	10U	10U
TCL Semi-volatiles															
1,2,4-Trichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/L	10U	10U	10UJ	10UJ	10U	10U	10U	10U	10U	10U	10UJ	10U	10U	10U
2,4,5-Trichlorophenol	ug/L	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/L	25U	R	25UJ	R	25UJ	R	25U	25UJ	25U	25U	25UJ	25UJ	25UJ	25UJ
2,4-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/L	360	10U	16	10UJ	410	10U	10U	2J	10U	10U	10U	17	10U	10U
2-Chloronaphthalene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/L	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
2-Nitrophenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/L	31J	10U	10U	10U	18J	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE I2.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		MW-7	MW-8U-95	SW-2	SW-3	SW-4	SW-6	SW-7	SW-8	SW-9	SW-10	T-1	T-2	WELL GALLERY	WELL GALLERY
Sample ID:		GW005	GW017	GW010	GW001	GW014	GW021	GW006	GW002	GW007	GW023	GW015	GW011	GW039	GW040
Sample Date:		06/05/1995	06/07/1995	06/06/1995	06/05/1995	06/06/1995	06/07/1995	06/06/1995	06/05/1995	06/06/1995	06/08/1995	06/06/1995	06/06/1995	06/28/1995	06/28/1995 Duplicate
Parameter	Units														
3,3'-Dichlorobenzidine	ug/L	10U	10U	10U	10U	10UJ	10U	10U	10U	10U	10UJ	10U	10U	10U	10U
3-Nitroaniline	ug/L	25U	25U	25UJ	25U	25UJ	25U	25U	25UJ	25U	25U	25UJ	25UJ	25UJ	25UJ
4,6-Dinitro-2-methylphenol	ug/L	25U	25UJ	25UJ	25U	25U	25UJ	25U	25U	25U	25U	25UJ	25UJ	25U	25U
4-Bromophenyl phenyl ether	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/L	56	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl phenyl ether	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/L	10U	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/L	25U	25U	25UJ	25UJ	25U	25U	25U	25UJ	25U	25U	25UJ	25UJ	25UJ	25UJ
4-Nitrophenol	ug/L	R	R	R	R	R	R	R	R	R	R	R	R	25UJ	25UJ
Acenaphthene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/L	10U	10U	10UJ	10U	10U	10U	10U	10U	10U	10U	10U	10UJ	10U	10U
Di-n-octyl phthalate	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/L	10UJ	10U	10U	10U	10U	10U	10UJ	10U	10UJ	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/L	10U	10U	10U	10U	10U	10U	10UJ	10U	10UJ	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/L	10U	10UJ	10UJ	10UJ	10UJ	10U	10UJ	10U	10UJ	10U	10UJ	10UJ	10U	10U
Hexachloroethane	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/L	R	R	R	R	R	R	R	R	R	R	R	R	10U	10U
Phenanthrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/L	10U	10U	10U	5J	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/L	20J	10U	10U	10U	2J	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE I2.3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		MW-7	MW-8U-95	SW-2	SW-3	SW-4	SW-6	SW-7	SW-8	SW-9	SW-10	T-1	T-2	WELL GALLERY	WELL GALLERY
Sample ID:		GW005	GW017	GW010	GW001	GW014	GW021	GW006	GW002	GW007	GW023	GW015	GW011	GW039	GW040
Sample Date:		06/05/1995	06/07/1995	06/06/1995	06/05/1995	06/06/1995	06/07/1995	06/06/1995	06/05/1995	06/06/1995	06/08/1995	06/06/1995	06/06/1995	06/28/1995	06/28/1995 Duplicate
Parameter	Units														
TAL Inorganics															
Aluminum	ug/L	16,300J	4,180J	3,960J	11,400J	2,600J	4,900J	220U	3,990J	313U	2,080J	425J	845J	28.5U	19.2U
Aluminum (Dissolved)	ug/L	23.8	44.7	34J	9.9U	341	46.3U	9.9U	35	46.8	42.6U	9.9U	198J	25.3U	40.3U
Antimony	ug/L	7.1U	7.1U	7.1U	7.1U	7.1U	2.4U	7.1U	7.1U	7.1U	2.4U	7.1U	7.1U	2.4U	2.4U
Antimony (Dissolved)	ug/L	7.1U	7.1U	7.1UJ	7.1U	7.1U	2.4U	7.1U	7.1U	7.1U	2.4U	7.1U	7.1UJ	2.4U	2.4U
Arsenic	ug/L	73.8	3.4	16.0	10.4	34.3	5.7	4.4	8.3	1.4U	2.5	2.0	18.3	1.4U	1.4U
Arsenic (Dissolved)	ug/L	71.9	1.4U	11.9J	1.4U	31.6	1.4U	1.4U	4.7	1.4U	1.4U	1.4U	18.8J	1.4U	1.4U
Barium	ug/L	99.1J	48.4J	37.4J	95.8J	15.9	94.7	19.9	25.5J	26.0J	26.3	27.4	8.8	102.0	102
Barium (Dissolved)	ug/L	143	27.3	144J	116.0	75.3	50.5	5.3	67.9	91.5	82.4	130	194J	101	104
Beryllium	ug/L	1.1U	0.43U	0.5U	1.4U	0.3U	0.77U	0.3U	0.43U	0.3U	0.5U	0.3U	0.3U	0.3U	0.3U
Beryllium (Dissolved)	ug/L	0.4U	0.6U	0.53UJ	1.1U	0.5U	0.3U	0.33U	0.53U	0.37U	0.3U	0.47U	0.5UJ	0.3U	0.3U
Cadmium	ug/L	0.5U	0.4U	0.4U	3.4	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U
Cadmium (Dissolved)	ug/L	0.4U	0.4U	0.4UJ	0.67U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4UJ	0.4U	0.4U
Calcium	ug/L	38,600	40,000	5,740	39,500	3,770	53,900	29,600	5,910	11,600	22,800	11,800	2,180	59,500	58,000
Calcium (Dissolved)	ug/L	23,500	40,700	5,530J	39,100	3,820	50,800	31,200	4,430	12,000	21,000	11,900	1,550J	58,600	59,900
Chromium Total	ug/L	33.9	9.7	5.4	23.2	3.4U	7.5	0.6U	7.0	1.2U	2.1	1.2U	1.2U	0.6UJ	0.6UJ
Chromium Total (Dissolved)	ug/L	0.9	0.6U	0.6UJ	0.6U	0.6U	0.6U	0.6U	0.6U	0.6U	0.6U	0.6U	0.6UJ	0.6UJ	0.6UJ
Cobalt	ug/L	21.5	4.8	3.8	12.8	6.5	7.4	1.7U	3.8	6.2	3.1	14.4	1.7	1.7U	1.7U
Cobalt (Dissolved)	ug/L	4.6	1.7U	1.7UJ	3.3	3.5	3	1.7U	1.7U	5.8	1.7U	1.7U	1.7UJ	1.7U	1.7U
Copper	ug/L	110	15.2	10.3	31.6	27.2J	22.7	3.6	10.7	6.3	8.9	6.2	11.8	9.6J	2.5J
Copper (Dissolved)	ug/L	20.5	3.8	2.5J	1.3	9.9	1.2U	7.6	2.6	1.8	2	1.2U	3.6J	2.3U	2.5
Iron	ug/L	30,100	6,220	4,620	25,700	3,410	19,100J	467	4,670	156	3,130J	5,800	3,710	12.9UJ	12.9UJ
Iron (Dissolved)	ug/L	138	47.4	34.7J	2120	425	1760	12.9U	29.9	12.9U	148U	12.9U	450J	12.9UJ	12.9UJ
Lead	ug/L	49.9	5.4	5.2	225	19.9	36.8	0.95	8.8	2.1	4.1	6.2	5.3	0.9U	0.9U
Lead (Dissolved)	ug/L	6.6	0.7U	0.7UJ	0.73	4.5	0.79	0.7U	1.4	1.3	0.7U	0.7U	1.6J	0.9U	0.9U
Magnesium	ug/L	7,050	7,170	2,400	11,800	1,100	10,100	6,360	2,390	1,260	5,590	2,490	418	12,200	11,700
Magnesium (Dissolved)	ug/L	1,790	6,530	1,400J	6,600	543	8,120	6,700	926	1,260	4,700	2,450	274J	11,800	12,100
Manganese	ug/L	3,890	2260	660	7,040	504	8370	5,270	1,820	13,700	1030	4730	150	639	700
Manganese (Dissolved)	ug/L	1,290	2,210	528J	6,520	361	8,740	3,920	1,580	14,300	721	2,200	109J	633	712
Mercury	ug/L	0.14	0.1U	0.1U	0.28	0.10	0.15	0.1U	0.1U	0.1U	0.11	0.1U	0.1U	0.1U	0.1U
Mercury (Dissolved)	ug/L	0.1U	0.1U	0.2J	0.1U	0.1U	0.1U	0.20	0.1U	0.1U	0.1U	0.1U	0.16J	0.1U	0.1U
Nickel	ug/L	45.2	12.1	6.4	22.7	10.0	11.5	1.5U	8.1	8.7	5.0	6.4	3.5	1.5U	1.5U
Nickel (Dissolved)	ug/L	7.9	3	1.5UJ	1.5U	5	1.5U	1.5U	1.5U	8.1	2.4	3	1.5UJ	1.5U	1.5U
Potassium	ug/L	6,310J	16,800J	7,880J	7,060J	6,950J	5,260	486	1,250J	2,380J	5,050	1,150J	5,140J	1,490	1,440
Potassium (Dissolved)	ug/L	4,580J	17,100	7,080J	5,550J	6,640J	5,160	441U	634	2,390J	5,420	1,030J	5,200J	1,470	1,490
Selenium	ug/L	1.9U	1.9U	1.9U	2.1	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U
Selenium (Dissolved)	ug/L	1.9U	1.9U	1.9UJ	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9UJ	1.9U	1.9U
Silver	ug/L	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9UJ	0.9UJ
Silver (Dissolved)	ug/L	0.9U	0.9U	0.9UJ	0.9U	0.9U	0.9UJ	0.9U	0.9U	0.9U	0.9UJ	0.9U	0.9UJ	0.9UJ	0.9UJ
Sodium	ug/L	362,000	9,230	238,000	37,600	333,000	32,700	24,100	151,000	79,600	80,200	48,400	239,000	24,900J	24,300J
Sodium (Dissolved)	ug/L	387,000	10,600	227,000J	35,700	320,000	28,700	22,100	120,000	75,900	81,800	44,900	230,000J	24,700J	25,100J
Thallium	ug/L	2.4U	2.4U	2.4U	2.4U	2.4U	6.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U
Thallium (Dissolved)	ug/L	2.4U	2.4U	2.4UJ	3.0	2.4U	3.3U	2.4U	2.4U	5	2.4U	2.4U	2.4UJ	2.4U	2.4U
Vanadium	ug/L	32.3	7.0	7.3	20.4	7.4	10.1	1.8U	6.3	1.8U	3.0	1.8U	2.2	1.8U	1.8U
Vanadium (Dissolved)	ug/L	5.4	1.8U	1.8UJ	1.8U	4.2U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8UJ	1.8U	1.8U
Zinc	ug/L	194J	50.6J	49.1J	85.5J	38J	85.7	6.1	75.4J	33.9	32.9U	174J	51.6J	15.2U	18.1U
Zinc (Dissolved)	ug/L	19.5	12.2	14.7J	17.3	12.8	18.8U	23.1	26.8	34.1	37.4	68J	11.1J	12.8U	18.3U
Cyanide (total)	ug/L	98.1	10U	42.4	10U	254	10U	10U	12.7	10U	268	20.8	242	10U	10U
Wet Chemistry															
Chloride (Dissolved)	ug/L	24	4	9	3	24	2	4	8	4	3	4	7	37	38

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.4

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1997
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1*	*MW-5D-95*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-5U-95*	*SW-9*	*SW-9*	*T-2*	*T-2*
Sample ID:		*MW-002*	*MW-004*	*KEC-004*	*MW-003*	*KEC-005*	*KEC-006*	*MW-007*	*KEC-001*	*MW-001*	*KEC-002*
Sample Date:		*2/4/1997*	*2/4/1997*	*8/14/1997*	*2/4/1997*	*8/14/1997*	*8/14/1997* *Duplicate*	*2/4/1997*	*8/14/1997*	*2/4/1997*	*8/14/1997*
Parameters	***Units***										
TCL Volatiles											
1,2-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TCL Semi-volatiles											
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
1,3-Dichlorobenzene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
2,4-Dinitrotoluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
2-Aminopyridine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
2-Methylnaphthalene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
2-Nitroaniline	ug/L	25 U	25 U	--	25 U	--	--	25 U	--	25 U	--
2-Picoline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
3-Nitroaniline	ug/L	25 U	25 U	--	25 U	--	--	25 U	--	25 U	--
4-Bromophenyl phenyl ether	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
4-Chloroaniline	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
4-Nitroaniline	ug/L	25 U	25 U	--	25 U	--	--	25 U	--	25 U	--
Acenaphthene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Anthracene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Benzo(a)anthracene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Benzo(a)pyrene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Benzo(b)fluoranthene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Benzo(g,h,i)perylene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Benzo(k)fluoranthene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
bis(2-Chloroethyl)ether	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
bis(2-Ethylhexyl)phthalate	ug/L	10 U	6 J	--	10 U	--	--	1 J	--	10 U	--
Butyl benzylphthalate	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Carbazole	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Chrysene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Dibenz(a,h)anthracene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Dibenzofuran	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Diethyl phthalate	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Dimethyl phthalate	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Di-n-butylphthalate	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Di-n-octyl phthalate	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Fluoranthene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Fluorene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Hexachlorobenzene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Hexachlorobutadiene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Hexachlorocyclopentadiene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Hexachloroethane	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Indeno(1,2,3-cd)pyrene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Isophorone	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Naphthalene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Nitrobenzene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
N-Nitrosodi-n-propylamine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Phenanthrene	ug/L	10 U	10 U	--	10 U	--	--	10 U	--	10 U	--
Pyrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyridine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE 12.5

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1998
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1*	*MW-5D-95*	*MW-5D-95*	*MW-5D-95*	*MW-5D-95*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-5U-95*	*MW-5U-95*	*MW-8U-95*	*MW-8U-95*	*MW-8U-95*	*MW-8U-95*	*SW-9*	*SW-9*	*T-2*	*T-2*
Sample ID:		*MW-007*	*MW-005*	*JR-002*	*JR-003*	*MEJ-004*	*MEJ-005*	*MW-002*	*MW-003*	*JR-005*	*MEJ-006*	*JR-004*	*MEJ-007*	*W-01*	*W-02*	*MW-001*	*MEJ-002*	*MW-006*	*MEJ-001*
Sample Date:		*2/1/1998*	*2/1/1998*	*5/14/1998*	*5/14/1998*	*8/5/1998*	*8/5/1998*	*2/1/1998*	*2/1/1998*	*5/14/1998*	*8/5/1998*	*5/14/1998*	*8/5/1998*	*11/01/1998*	*11/01/1998*	*2/1/1998*	*8/5/1998*	*2/1/1998*	*8/5/1998*
					Duplicate		*Duplicate*		*Duplicate*						*Duplicate*				
Parameters	*Units*																		
TCL Volatiles																			
1,2-Dichlorobenzene	ug/L	1 U	1 U	–	–	1 U	1 U	1 U	1 U	–	1 U	–	1 U	–	–	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	ug/L	1 U	1 U	–	–	1 U	1 U	1 U	1 U	–	1 U	–	1 U	–	–	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/L	1 U	1 U	–	–	1 U	1 U	1 U	1 U	–	1 U	–	1 U	–	–	1 U	1 U	1 U	1 U
Benzene	ug/L	1 U	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U	7	1 U	1 U	2	8	7	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	1 U	1 U	–	–	1 U	1 U	1 U	1 U	–	1 U	–	1 U	–	–	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1U	1U	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1U	1U	1 U	1 U	1 U	1 U
o-Xylene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1U	1U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1U	1U	1 U	1 U	1 U	1 U
TCL Semi-volatiles																			
2-Aminopyridine	ug/L	10 U	10 U	–	–	10 U	10 U	10 U	10 U	–	10 U	–	590 JD	10U	10U	10 U	17	10 U	4 J
2-Picoline	ug/L	10 U	10 U	–	–	10 U	10 U	10 U	10 U	–	10 U	–	10 U	10U	10U	10 U	10 U	10 U	10 U
Pyridine	ug/L	10 U	10 U	–	–	10 U	10 U	10 U	10 U	–	10 U	–	10 U	10U	10U	10 U	10 U	10 U	10 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.6

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 1999
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1*	*MW-5D-95*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-5U-95*	*MW-8U-95*	*MW-8U-95*	*MW-8U-95*	*SW-9*	*SW-9*	*T-2*	*T-2*
Sample ID:		*JRR-007*	*JRR-002*		*JRR-003*			*JRR-004*	*JRR-005*		*JRR-001*		*JRR-006*	
Sample Date:		*04/01/1999*	*04/01/1999*	*8/1/1999*	*04/01/1999*	*8/1/1999*	*8/1/1999*	*04/01/1999*	*04/01/1999*	*8/1/1999*	*04/01/1999*	*8/1/1999*	*04/01/1999*	*8/1/1999*
									Duplicate					
Parameter	*Units*													
TCL Volatiles														
1,2-Dichlorobenzene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
1,3-Dichlorobenzene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
1,4-Dichlorobenzene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
Benzene	ug/L	1U	1U	1 U	1U	1 U	1 U	2	3	4	1U	1 U	1U	1 U
Chlorobenzene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
Ethylbenzene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
m-xylene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
o-Xylene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
p-Xylene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
Toluene	ug/L	1U	1U	--	1U	--	--	1U	1U	--	1U	--	1U	--
TCL Semi-volatiles														
2-Aminopyridine	ug/L	10U	10U	10 U	10U	10 U	10 U	1300D	960	1300	11	14	43	24
2-Picoline	ug/L	10U	10U	10 U	10U	10 U	10 U	10	5J	19	10U	10 U	10U	10 U
Pyridine	ug/L	10U	10U	10 U	10U	10 U	10 U	10U	10U	10 U	10U	10 U	10U	10 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	*Units*									
TCL Volatiles										
1,1,1-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/l	1U	1U	0.9J	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/l	28J	25J	R	R	R	R	R	R	R
2-Hexanone	ug/l	5UJ	5U	5U	5U	5UJ	5U	5U	5UJ	5UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/l	5UJ	4J	5UJ	5UJ	5UJ	5UJ	5UJ	5.4J	5UJ
Acetone	ug/l	110J	290J	6J	R	R	R	R	R	R
Benzene	ug/l	130	11	0.7J	67	190	96	59	96	1U
Bromodichloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/l	1UJ	1U	1U	1U	1UJ	1U	1U	1UJ	1UJ
Carbon disulfide	ug/l	1UJ	1U	1U	1U	1UJ	1U	1U	1UJ	1UJ
Carbon tetrachloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/l	0.5J	1U	1U	7.1	9.3	22	16	84	1U
Chlorobromomethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/l	1U	1U	0.8J	1U	1U	1U	1U	0.6J	1U
cis-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/l	2.6J	1U	1U	1U	1UJ	1	150	23J	1UJ
Methyl Tert Butyl Ether	ug/l	1UJ	1U	1U	1U	1.6J	1U	1U	1UJ	1UJ
Methylene chloride	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
Styrene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/l	0.7J	1J	4	1U	1U	1U	1.5	1.2	1U
trans-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
trans-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/l	1J	2U	4	2U	2U	2	120	15	2U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	*Units*									
Volatiles TICs										
2-Ethyl-1-hexanol A	ug/L	–	3.9NJ	–	–	–	–	–	–	–
Benzene, C3 Substitute A	ug/L	–	–	–	2.1J	–	–	9J	2J	–
Diisopropyl ether A	ug/L	–	5.5NJ	–	–	–	6.4NJ	2.3NJ	4.1NJ	–
Dimethyl disulfide A	ug/L	–	–	–	–	–	–	–	–	–
Methanethiol	ug/L	–	–	–	–	–	–	–	–	–
Naphthalene, 1,2,3,4-tetrahy A	ug/L	–	–	–	–	–	–	–	–	–
n-Butyl ether A	ug/L	–	–	–	–	–	19NJ	–	4NJ	–
Tetrahydrofuran A	ug/L	–	–	–	–	–	–	–	–	–
Unknown D	ug/L	–	–	–	–	–	–	–	–	–
TCL Semi-volatiles										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/l	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25U
2,4-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/l	10U	10U	10U	2J	20	520	5J	5J	10U
2-Chloronaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25UJ	25U	25UJ	25UJ	25U
2-Nitrophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/l	10U	10U	10U	10U	10U	10	10U	10U	10U
3,3'-Dichlorobenzidine	ug/l	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	ug/l	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25U
4,6-Dinitro-2-methylphenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
4-Bromophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/l	10U	10U	10U	10U	1J	10U	10U	10U	10U
4-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25UJ	25U	25UJ	25UJ	25U
4-Nitrophenol	ug/l	25U	25UJ	25U	25UJ	25UJ	25U	25UJ	25UJ	25U
Acenaphthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE 12.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	*Units*									
Benzo(b)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/l	10U	8J	10U	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbazole	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/l	10UJ	10UJ	10U	10UJ	10UJ	10U	10UJ	10UJ	10UJ
Hexachloroethane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/l	10U	10UJ	10U	10UJ	10UJ	10U	10UJ	10UJ	10U
N-Nitrosodi-n-propylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/l	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25U
Phenanthrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/l	10U	10U	10U	10U	10U	3J	10U	10U	10U
Semi-volatiles TICs										
1(2H)-Naphthalenone, 3,4-dihydro-	ug/L	--	--	--	--	--	--	--	--	--
1-Phenyl-(related)-1-propanone A	ug/L	--	--	--	--	--	--	5.8NJ	6.6NJ	--
2(1h)-Pyridinone, 1-methyl-	ug/L	--	--	--	--	--	--	--	--	--
2(3H)-Benzothiazolone A	ug/L	--	6NJ	--	--	--	--	--	--	--
2,4-Bipyridyl	ug/L	--	--	--	--	--	--	--	6.2NJ	--
2-chloro-5-(trifluoromethyl)-benzenamine	ug/L	--	--	--	2.9NJ	2NJ	--	--	--	--
2-Ethyl-1-hexanol A	ug/L	--	63NJ	--	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	ug/L	--	12NJ	--	--	--	--	--	--	--
2-Isopropyl-6-methylaniline	ug/L	--	--	--	--	--	31NJ	--	24NJ	--
2-Methyl-5-butylpyridine	ug/L	--	--	--	--	--	--	--	5.6NJ	--
2-Pyridinamide,6-methyl	ug/L	--	--	--	--	--	19NJ	--	--	--
3-Hexene, 3-ethyl-2,5-dimethyl-	ug/L	--	--	--	--	2.1NJ	--	--	--	--
4,4'-Difluorobiphenyl	ug/L	--	--	--	--	--	--	--	--	--
Acetamide, N-(_alpha_-methylpheneth	ug/L	--	--	--	--	--	--	--	--	--
Alkane: Bicyclic	ug/L	--	2.4J	--	--	--	--	--	--	--
Alkane: Cyclic C	ug/L	--	--	--	4.2J	--	--	--	--	--
Aniline A	ug/L	--	--	--	--	--	12NJ	--	--	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	*Units*									
Benzaldehyde, 3-hydroxy-4-methoxy-	ug/L	--	3.6NJ	--	--	--	--	--	--	--
Benzaldehyde, 4-hydroxy-	ug/L	--	6.3NJ	--	--	--	--	--	--	--
Benzenamine, 2,6-bis(1-methy	ug/L	--	--	--	--	--	41NJ	14NJ	36NJ	--
Benzenamine, 3-(trifluoromet	ug/L	--	--	--	--	6.4NJ	--	--	--	--
Benzenamine, 4-methoxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-2-methyl	ug/L	--	26NJ	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-N-methyl-	ug/L	--	--	--	--	--	--	--	--	--
Benzeneacetic acid, _alpha_-methoxy	ug/L	--	--	--	--	--	--	--	--	--
Benzenemethanol, 4-methyl-	ug/L	--	--	--	--	--	--	3.3NJ	--	--
Benzenethanol, 4-chloro-_alpha_,_al	ug/L	--	--	--	--	--	--	--	--	--
Benzoic acid A	ug/L	--	70NJ	--	--	--	--	--	--	--
Bicyclo(3_2_2)non-2-ene, 2-phenyl-	ug/L	--	--	--	--	--	--	--	3.2J	--
Butanoic acid, 3-methyl	ug/L	--	16NJ	--	--	--	--	--	--	--
Butoxyethoxy-ethanol A	ug/L	--	12NJ	--	--	--	--	3.1NJ	--	--
Cyclopentanone, 2,5-bis(phenylmethy	ug/L	--	--	--	5.1NJ	--	--	--	--	--
Diethyl-phenol Isomer	ug/L	--	--	--	--	--	6.5NJ	--	27NJ	--
Diethyltoluamide A	ug/L	--	4.3NJ	--	--	--	--	3.2NJ	--	--
difluorobiphenyl isomer+unknown	ug/L	--	--	--	--	--	--	--	--	--
Dimethylpyridine isomer A	ug/L	--	--	--	--	--	--	--	--	--
Fluoronitrophenol isomer	ug/L	--	--	--	--	--	--	--	--	--
Formamide, N,N-dimethyl-	ug/L	--	--	--	--	--	--	4.4NJ	--	--
Methanone, phenyl-2-pyridinyl-	ug/L	--	--	--	--	--	4.1NJ	--	--	--
Nonanoic acid A	ug/L	--	8NJ	--	--	--	--	--	--	--
Octadecanoic acid, 1,2-ethanediyl e	ug/L	--	--	--	--	--	--	--	--	--
Octadecanoic acid, 2-((1-oxohexadec	ug/L	--	--	--	--	--	--	--	--	--
Oxazole, 2,5-dimethyl-4-phenyl-	ug/L	--	--	--	--	--	--	--	--	--
p-Diethylaminoacetophenone	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 2-chloro-	ug/L	3.2NJ	--	--	8.3NJ	6.7NJ	--	--	--	3.3NJ
Pyridine, 2-ethyl-5-methyl-	ug/L	--	--	--	--	11NJ	--	--	30NJ	--
Pyridine, 3-ethyl-	ug/L	--	4NJ	--	--	--	--	7.4NJ	17NJ	--
Pyridine, 4-methyl-2-(2-methyl-1-pr	ug/L	--	--	--	--	--	--	--	14NJ	--
Pyridine, 5-ethyl-2-methyl-	ug/L	--	31NJ	--	7.3NJ	--	73NJ	3.5NJ	--	--
Pyridine,3-ethyl-	ug/L	--	--	--	--	--	27NJ	--	--	--
Undecanoic acid A	ug/L	--	3.5NJ	--	--	--	--	--	--	--
Unknown A	ug/L	2.7J	2J	9.5J	2.4J	2.2J	15J	2.3J	4.9J	2.8J
Unknown B	ug/L	15J	2J	--	19J	4.2J	7.1J	2.4J	23J	17J
Unknown C	ug/L	--	20J	--	2.2J	3.4J	3.9J	2.4J	4.2J	3.1J
Unknown D	ug/L	--	5.5J	--	12J	2.2J	4J	4.7J	13J	--
Unknown E	ug/L	--	7.9J	--	--	2.8J	4.2J	2.4J	5.6J	--
Unknown F	ug/L	--	8.4J	--	--	18J	3.1J	2.2J	2.8J	--
Unknown G	ug/L	--	--	--	--	--	3.5J	2.1J	29J	--
Unknown H	ug/L	--	--	--	--	--	18J	2.3J	3J	--
Unknown I	ug/L	--	--	--	--	--	40J	8J	3.7J	--
Unknown J	ug/L	--	--	--	--	--	4.6J	22J	12J	--
Unknown K	ug/L	--	--	--	--	--	--	--	3.8J	--
Unknown L	ug/L	--	--	--	--	--	--	--	3.9J	--
Unknown M	ug/L	--	--	--	--	--	--	--	9.3J	--
Unknown N	ug/L	--	--	--	--	--	--	--	11J	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	***Units***									
Unknown O	ug/L	--	--	--	--	--	--	--	36J	--
Unknown P	ug/L	--	--	--	--	--	--	--	3.4J	--
Unknown Q	ug/L	--	--	--	--	--	--	--	72J	--
Unknown Acid A	ug/L	--	8.3J	--	--	--	--	2J	--	--
Unknown Acid B	ug/L	--	20J	--	--	--	--	--	--	--
Unknown Acid C	ug/L	--	2.9J	--	--	--	--	--	--	--
Unknown Acid D	ug/L	--	6.9J	--	--	--	--	--	--	--
Unknown Alcohol A	ug/L	--	12J	--	--	--	4.4J	--	--	--
Unknown Amide A	ug/L	--	--	--	2.1J	--	7J	--	--	--
Unknown Amine A	ug/L	--	--	--	--	--	--	--	--	--
unknown amine B	ug/L	--	--	--	--	--	3.8J	--	--	--
unknown amine C	ug/L	--	--	--	--	--	250J	--	--	--
Unknown Benzene A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Branched Alkane A	ug/L	--	9.3J	--	--	--	--	--	--	--
Unknown Branched Alkane B	ug/L	--	7.4J	--	--	--	--	--	--	--
Unknown Cycloalkane A	ug/L	--	--	--	2.2J	3.2J	--	2J	--	--
Unknown Cycloalkane B	ug/L	--	--	--	2J	--	--	--	--	--
Unknown Ester A	ug/L	4.3J	--	--	2J	5.5J	2.5J	--	3.9J	4.7J
Unknown Ester B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Ketone A	ug/L	5.3J	--	--	3.2J	--	4.8J	--	3.3J	5.4J
Unknown Ketone B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Straight Alkane A	ug/L	--	--	--	--	--	--	--	--	--
TAL Inorganics										
Aluminum	ug/l	35.7	978	334	11.7U	63.8	124U	614	61.1	24.0
Antimony	ug/l	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U
Arsenic	ug/l	2.7UJ	2.7UJ	2.7U	2.7UJ	10.5J	8.8	2.7J	2.7UJ	2.7UJ
Barium	ug/l	518	460	7.8	51.7	39.4	10.9	42.8	3.7U	26.2
Beryllium	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	1.2	0.10U	0.10U
Cadmium	ug/l	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Calcium	ug/l	388000	75000	12900	41000	14400	6370	12800	2790	36500
Chromium Total	ug/l	3.8	9.6	0.70U	1.2	0.70U	0.80	8.3	0.70U	1.4
Cobalt	ug/l	1.8U	3.6	1.8U	3.6	1.8U	1.8U	1.8U	1.8U	1.8U
Copper	ug/l	1.3UJ	66.9J	4.1	1.3UJ	1.3UJ	2.4	1.3UJ	1.3UJ	1.3UJ
Cyanide (total)	ug/l	10.0U	34.2	64.7	10.0U	10.0U	15.1	122	10.0U	10.0U
Iron	ug/l	32.2	111	397	4180	6730	415	3600	193	103
Lead	ug/l	0.60UJ	0.60UJ	1.4	0.60UJ	0.60UJ	0.84	4.8J	0.60UJ	0.60UJ
Magnesium	ug/l	114	27.8	2400	7330	3910	1230	4100	468	7190
Manganese	ug/l	0.50U	0.50U	1310	7490	4770	374	355	96.5	40.4
Manganese (Dissolved)	ug/l	0.50UJ	2.5UJ	1310	7440J	5160J	--	90.5J	98.7J	15.6J
Mercury	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	ug/l	6.6	14.0	5.6	1.9U	1.9U	1.9U	11.4	2.7	3.0
Potassium	ug/l	82400	170000	1570	8710	4600	21300	22900	63700	679
Selenium	ug/l	R	R	R	R	R	R	R	R	R
Silver	ug/l	1.1U	1.1U	1.1U	1.5	1.5	1.1U	1.1U	1.1U	1.1U
Sodium	ug/l	210000	367000	126000	41600	79800	191000	285000	171000	16900
Thallium	ug/l	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U
Vanadium	ug/l	1.3U	3.4	1.3U	1.3U	1.3U	1.3U	2.4	1.3U	1.3U
Zinc	ug/l	36.2J	0.70UJ	6.4	16.2J	0.70UJ	1.7U	182J	4.9J	10.4J

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1U-91*	*MW-2*	*MW-2D-91*	*MW-3*	*MW-3D-91*
Sample ID:		*GW-3698-DD-070901-028*	*GW-3698-DD-071001-29*	*GW-3698-DD-070501-12*	*GW-3698-DD-071001-30*	*GW-3698-DD-071001-17*	*GW-3698-DD-070601-13*	*GW-3698-DD-071001-31*	*GW-3698-DD-071001-14*	*GW-3698-DD-070901-04*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/05/2001*	*07/10/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/10/2001*	*07/09/2001*
Parameter	*Units*									
Wet Chemistry										
Alkalinity, Bicarbonate	mg/l	148	152	251	116	346	--	574	601	131
Alkalinity, Carbonate	mg/l	1670	1240	1.0U	1.0U	1.0U	--	1.0U	1.0U	1.0U
Alkalinity, Total (As CaCO3)	mg/l	1880	1430	251	116	346	--	574	601	131
Chloride	mg/l	11.1	31.2	3.4	3.6	2.0	--	40.2	3.1	4.2
Hardness	ug/l	970000	188000	42100	133000	52000	--	48800	8890	121000
Nitrate (as N)	mg/l	0.10U	0.10U	3.36	0.10U	0.10U	--	0.61	15.8	0.28
Nitrite (as N)	mg/l	0.10U	0.10U	--	0.10U	0.10U	--	0.10U	0.10U	0.10U
Nitrogen	mg/l	--	--	0.10U	--	--	--	--	--	--
Sulfate	mg/l	10.9	8.3	96.9	39.2	50.9	--	144	72.4	35.4
Sulfide	mg/l	0.5U	0.5U	0.5U	0.5U	0.5U	--	0.6	0.5U	0.5U
Total Organic Carbon (TOC)	mg/l	14.9	52.9	6.3	12.6	15.3	--	24.5	11.9	1.3
Gas										
Ethane	ug/l	1U	1	1UJ	1U	1U	--	1U	1U	1U
Ethene	ug/l	1U	1U	1UJ	1U	1U	--	1U	1U	1U
Methane	ug/l	940	920	9J	740	320	--	7000	800	3

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
TCL Volatiles										
1,1,1-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/l	R	R	R	10J	R	R	R	R	R
2-Hexanone	ug/l	5UJ	5UJ	5UJ	5U	5U	5U	5UJ	5U	5U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/l	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ	7.0J	7.0J
Acetone	ug/l	R	16J	R	9J	R	R	22J	R	R
Benzene	ug/l	1U	27	1U	0.6J	1U	1U	1U	1100	940
Bromodichloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/l	1UJ	1UJ	1UJ	1U	1U	1U	1UJ	1U	1U
Carbon disulfide	ug/l	1UJ	6.9J	1UJ	1U	1U	1U	1UJ	1U	1U
Carbon tetrachloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/l	1U	2.2	1U	1U	1U	1U	1U	23	23
Chlorobromomethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/l	1UJ	1UJ	1UJ	1U	1U	1U	1UJ	150	130
Methyl Tert Butyl Ether	ug/l	1UJ	1UJ	1UJ	0.6J	9	9	1UJ	1U	1U
Methylene chloride	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
Styrene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/l	1U	1U	1U	12	2	2	1U	23	23
trans-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
trans-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1.2	1.2
Xylene (total)	ug/l	2U	2U	2U	5	2U	2U	2U	520	450

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
Volatiles TICs										
2-Ethyl-1-hexanol A	ug/L	5NJ	--	--	--	--	--	--	--	--
Benzene, C3 Substitute A	ug/L	--	--	--	--	--	--	--	2.2J	2J
Diisopropyl ether A	ug/L	--	--	--	--	--	--	--	2.9NJ	2.9NJ
Dimethyl disulfide A	ug/L	--	28NJ	--	--	--	--	--	--	--
Methanethiol	ug/L	--	9.7NJ	--	--	--	--	--	--	--
Naphthalene, 1,2,3,4-tetrahy A	ug/L	--	--	--	--	--	--	--	14NJ	15NJ
n-Butyl ether A	ug/L	--	--	--	--	--	--	--	--	--
Tetrahydrofuran A	ug/L	--	--	--	--	--	--	--	2.4NJ	2.5NJ
Unknown D	ug/L	--	4.4J	--	--	--	--	--	--	--
TCL Semi-volatiles										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/l	25U	25UJ	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ
2,4-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/l	10U	3J	10U	10U	10U	10U	10U	94	130
2-Chloronaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/l	25U	25UJ	25U	25U	25U	25U	25UJ	25UJ	25UJ
2-Nitrophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/l	10U	10U	10U	10U	10U	10U	10U	14	14
3,3'-Dichlorobenzidine	ug/l	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ
4,6-Dinitro-2-methylphenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
4-Bromophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/l	10U	10U	10U	10U	10U	10U	10U	25	25
4-Chlorophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/l	25U	25UJ	25U	25U	25U	25U	25UJ	25UJ	25UJ
4-Nitrophenol	ug/l	25U	25UJ	25U	25U	25U	25U	25UJ	25UJ	25UJ
Acenaphthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
Benzo(b)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbazole	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/l	10U	10U	1J	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/l	10UJ	10UJ	10UJ	10U	10U	10U	10UJ	10UJ	10UJ
Hexachloroethane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	1J
Naphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	4J
Nitrobenzene	ug/l	10U	10UJ	10U	10U	10U	10U	10UJ	10UJ	10UJ
N-Nitrosodi-n-propylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/l	25U	25UJ	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ
Phenanthrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/l	10U	10U	10U	10U	10U	10U	10U	8J	8J
Semi-volatiles TICs										
1(2H)-Naphthalenone, 3,4-dihydro-	ug/L	--	--	--	--	--	--	--	8.1NJ	6.1NJ
1-Phenyl-(related)-1-propanone A	ug/L	--	--	--	--	--	--	--	52NJ	29NJ
2(1h)-Pyridinone, 1-methyl-	ug/L	--	--	--	--	--	--	--	--	20NJ
2(3H)-Benzothiazolone A	ug/L	--	--	--	--	--	--	--	--	--
2,4-Bipyridyl	ug/L	--	--	--	--	--	--	--	12NJ	11J
2-chloro-5-(trifluoromethyl)-benzenamine	ug/L	--	--	--	--	--	--	--	37NJ	21NJ
2-Ethyl-1-hexanol A	ug/L	--	--	--	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
2-Isopropyl-6-methylaniline	ug/L	--	--	--	--	--	--	--	--	--
2-Methyl-5-butylpyridine	ug/L	--	--	--	--	--	--	--	--	--
2-Pyridinamide,6-methyl	ug/L	--	--	--	--	--	--	--	--	--
3-Hexene, 3-ethyl-2,5-dimethyl-	ug/L	--	--	--	--	--	--	--	--	--
4,4'-Difluorobiphenyl	ug/L	--	--	--	--	--	--	--	--	--
Acetamide, N-(_alpha_-methylpheneth	ug/L	--	--	--	--	--	--	--	6.4NJ	--
Alkane: Bicyclic	ug/L	--	--	--	--	--	--	--	--	--
Alkane: Cyclic C	ug/L	--	--	--	--	--	--	--	--	--
Aniline A	ug/L	--	--	--	--	--	--	--	16NJ	9.2NJ

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
Benzaldehyde, 3-hydroxy-4-methoxy-	ug/L	–	–	–	–	–	–	–	–	–
Benzaldehyde, 4-hydroxy-	ug/L	–	–	–	–	–	–	–	–	–
Benzenamine, 2,6-bis(1-methy	ug/L	–	–	–	–	–	–	–	–	–
Benzenamine, 3-(trifluoromet	ug/L	–	–	–	–	–	–	–	68NJ	38NJ
Benzenamine, 4-methoxy-	ug/L	–	–	–	–	–	–	–	–	–
Benzenamine, 4-methoxy-2-methyl	ug/L	–	–	–	–	–	–	–	–	–
Benzenamine, 4-methoxy-N-methyl-	ug/L	–	–	–	–	–	–	–	–	–
Benzeneacetic acid, _alpha_-methoxy	ug/L	–	–	–	–	–	–	–	–	–
Benzenemethanol, 4-methyl-	ug/L	–	–	–	–	–	–	–	–	–
Benzenethanol, 4-chloro-_alpha_,_al	ug/L	–	–	–	–	–	–	–	12NJ	11NJ
Benzoic acid A	ug/L	–	–	–	–	–	–	–	–	–
Bicyclo(3_2_2)non-2-ene, 2-phenyl-	ug/L	–	–	–	–	–	–	–	–	–
Butanoic acid, 3-methyl	ug/L	–	–	–	–	–	–	–	–	–
Butoxyethoxy-ethanol A	ug/L	–	–	–	–	–	–	2NJ	–	–
Cyclopentanone, 2,5-bis(phenylmethy	ug/L	–	–	–	–	–	–	–	–	–
Diethyl-phenol Isomer	ug/L	–	–	–	–	–	–	–	–	–
Diethyltoluamide A	ug/L	–	–	2.6NJ	16NJ	–	–	5.1NJ	–	–
difluorobiphenyl isomer+unknown	ug/L	–	–	–	–	–	–	–	–	–
Dimethylpyridine isomer A	ug/L	–	–	–	–	–	–	–	39J	40J
Fluoronitrophenol isomer	ug/L	–	–	–	–	–	2.1J	–	–	–
Formamide, N,N-dimethyl-	ug/L	–	–	–	–	–	–	–	–	–
Methanone, phenyl-2-pyridinyl-	ug/L	–	–	–	–	–	–	–	–	–
Nonanoic acid A	ug/L	–	–	–	–	–	–	–	–	–
Octadecanoic acid, 1,2-ethanediyl e	ug/L	–	–	–	–	–	–	–	–	–
Octadecanoic acid, 2-((1-oxohexadec	ug/L	–	–	–	–	–	–	–	–	–
Oxazole, 2,5-dimethyl-4-phenyl-	ug/L	–	–	–	–	–	–	–	6.7NJ	6NJ
p-Diethylaminoacetophenone	ug/L	–	–	–	–	–	–	–	–	–
Pyridine, 2-chloro-	ug/L	–	7.9NJ	–	–	–	–	–	42NJ	19NJ
Pyridine, 2-ethyl-5-methyl-	ug/L	–	–	–	–	–	–	–	–	–
Pyridine, 3-ethyl-	ug/L	–	–	–	–	–	–	–	100NJ	61NJ
Pyridine, 4-methyl-2-(2-methyl-1-pr	ug/L	–	–	–	–	–	–	–	–	–
Pyridine, 5-ethyl-2-methyl-	ug/L	–	–	–	–	–	–	–	100NJ	46NJ
Pyridine,3-ethyl-	ug/L	–	–	–	–	–	–	–	–	–
Undecanoic acid A	ug/L	–	–	–	–	–	–	–	–	–
Unknown A	ug/L	–	2.2J	–	2.9J	2.5J	2.7J	2.4J	14J	13J
Unknown B	ug/L	–	2J	–	3.6J	4.1J	4.5J	2.2J	22J	6J
Unknown C	ug/L	–	2J	–	5.4J	–	2.1J	7.3J	11J	39J
Unknown D	ug/L	–	–	–	3.4J	–	–	2.9J	40J	7.9J
Unknown E	ug/L	–	2.4J	–	–	–	–	2.2J	7.8J	16J
Unknown F	ug/L	–	3.4J	–	–	–	–	2.4J	16J	11J
Unknown G	ug/L	–	6.3J	–	–	–	–	30J	11J	8J
Unknown H	ug/L	–	5.3J	–	–	–	–	–	8J	28J
Unknown I	ug/L	–	2.4J	–	–	–	–	–	28J	28J
Unknown J	ug/L	–	8.4J	–	–	–	–	–	30J	5.7J
Unknown K	ug/L	–	–	–	–	–	–	–	5.8J	55J
Unknown L	ug/L	–	–	–	–	–	–	–	54J	–
Unknown M	ug/L	–	–	–	–	–	–	–	19J	–
Unknown N	ug/L	–	–	–	–	–	–	–	–	–

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
Unknown O	ug/L	–	–	–	–	–	–	–	–	–
Unknown P	ug/L	–	–	–	–	–	–	–	–	–
Unknown Q	ug/L	–	–	–	–	–	–	–	–	–
Unknown Acid A	ug/L	–	–	–	–	–	–	–	–	–
Unknown Acid B	ug/L	–	–	–	–	–	–	–	–	–
Unknown Acid C	ug/L	–	–	–	–	–	–	–	–	–
Unknown Acid D	ug/L	–	–	–	–	–	–	–	–	–
Unknown Alcohol A	ug/L	–	–	–	–	–	–	–	–	–
Unknown Amide A	ug/L	–	–	–	3.5J	–	–	–	–	7.4J
Unknown Amine A	ug/L	–	–	–	16J	–	–	–	–	–
unknown amine B	ug/L	–	–	–	–	–	–	–	–	–
unknown amine C	ug/L	–	–	–	–	–	–	–	–	–
Unknown Benzene A	ug/L	–	–	–	–	–	–	–	–	7.6J
Unknown Branched Alkane A	ug/L	–	–	–	–	–	–	–	–	–
Unknown Branched Alkane B	ug/L	–	–	–	–	–	–	–	–	–
Unknown Cycloalkane A	ug/L	–	–	–	8.8J	–	–	–	–	19J
Unknown Cycloalkane B	ug/L	–	–	–	–	–	–	–	19J	–
Unknown Ester A	ug/L	–	6.8J	–	–	–	–	–	10J	5.5J
Unknown Ester B	ug/L	–	–	–	–	–	–	–	–	–
Unknown Ketone A	ug/L	–	–	–	–	–	–	–	14J	24J
Unknown Ketone B	ug/L	–	–	–	–	–	–	–	10J	10J
Unknown Straight Alkane A	ug/L	–	3J	–	–	–	–	8.1J	–	–
TAL Inorganics										
Aluminum	ug/l	27.2	898	70.0U	77.2U	17.3U	111U	311	178	181
Antimony	ug/l	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U
Arsenic	ug/l	2.7UJ	4.5J	5.3	2.7U	2.7U	2.7U	2.7UJ	32.7J	32.5J
Barium	ug/l	26.6	48.6	12.1	146	3.7U	3.7U	126	16.7	16.2
Beryllium	ug/l	0.10U	0.10U	0.26U	0.12U	0.10U	0.10U	0.10U	0.10U	0.10U
Cadmium	ug/l	0.20U	0.32	0.46U	0.20U	0.20U	0.20U	0.20U	0.20U	0.20U
Calcium	ug/l	37800	9880	29800	71900	10700	10700	64300	19500	18500
Chromium Total	ug/l	1.2	2.7	0.70U	1.3	0.70U	0.70U	34.3	0.88	0.83
Cobalt	ug/l	1.8U	3.6	1.8U	1.9	1.8U	1.8U	1.8U	4.9	4.7
Copper	ug/l	1.3UJ	1.3UJ	1.3U	1.8	1.3U	1.3U	1.3UJ	19.2J	18.7J
Cyanide (total)	ug/l	10.0U	166	10.0U	10.7	10.0U	10.0U	10.0U	91.4J	39.3J
Iron	ug/l	102	6220	276	160	14.0U	25.4U	63.9	1000	972
Lead	ug/l	0.60UJ	109J	0.60U	0.60U	0.60U	0.60U	0.60UJ	10J	9.6J
Magnesium	ug/l	7360	2870	6420	28800	1840	1850	17.2	1540	1470
Manganese	ug/l	38.5	3080J	3560	97.0	132	148	0.50U	1400	1340
Manganese (Dissolved)	ug/l	14.9J	4260J	3780	107	144	139	0.61UJ	1390J	1280J
Mercury	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	ug/l	3.2	7.8	1.9U	11.6	1.9U	1.9U	3.0	15.9	14.7
Potassium	ug/l	676	6720	968	1310	760	778	29200	6680	6400
Selenium	ug/l	R	R	R	R	R	R	R	R	R
Silver	ug/l	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U
Sodium	ug/l	17200	103000	25700	107000	43700	44000	103000	353000	341000
Thallium	ug/l	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U
Vanadium	ug/l	1.3U	2.8	1.3U	1.3U	1.3U	1.3U	2.8	4.5	4.1
Zinc	ug/l	11.3J	12.3J	2.4U	141	1.5U	1.4U	6.7J	22.3J	25.5J

TABLE 12.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-6D-95*	*MW-7*	*MW-7*
Sample ID:		*GW-3698-DD-070901-05*	*GW-3698-DD-071001-25*	*GW-3698-DD-070901-07*	*GW-3698-DD-070501-33*	*GW-3698-DD-070501-01*	*GW-3698-DD-070501-02*	*GW-3698-DD-070901-32*	*GW-3698-DD-071001-40*	*GW-3698-DD-071001-41*
Sample Date:		*07/09/2001*	*07/10/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*	*07/05/2001*	*07/09/2001*	*07/10/2001*	*07/10/2001*
		Duplicate					*Duplicate*			*Duplicate*
Parameter	*Units*									
Wet Chemistry										
Alkalinity, Bicarbonate	mg/l	129	465	132	307	102	101	106	861	864
Alkalinity, Carbonate	mg/l	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	264	1.0U	1.0U
Alkalinity, Total (As CaCO3)	mg/l	129	466	132	307	102	101	383	861	864
Chloride	mg/l	4.2	3.9	6.1	190	3.7	4.1	4.7	20.7	21.2
Hardness	ug/l	125000	36500	101000	298000	34300	34500	161000	54900	52400
Nitrate (as N)	mg/l	0.28	0.10U	0.20	1.3	0.71	0.68	2.31	0.10U	0.10U
Nitrite (as N)	mg/l	0.10U	0.10U	--	--	--	--	0.40	0.10U	0.10U
Nitrogen	mg/l	--	--	0.10U	0.10U	0.10U	0.10U	--	--	--
Sulfate	mg/l	36.6	72.3	29.6	58.4	32.9	37.0	44.0	44.8	46.9
Sulfide	mg/l	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Total Organic Carbon (TOC)	mg/l	1.5	21.1	3.3	8.7	5.9	2.9	6.1	48.4	50.2
Gas										
Ethane	ug/l	1U	1U	1U	1UJ	1UJ	1UJ	1U	1U	1U
Ethene	ug/l	1U	1U	1U	1UJ	1UJ	1UJ	1U	1U	1
Methane	ug/l	3	210	680	5700J	1UJ	1UJ	5	7200	7500

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*
									Duplicate	
Parameter	*Units*									
TCL Volatiles										
1,1,1-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/l	R	R	R	R	R	R	R	R	R
2-Hexanone	ug/l	5U	5UJ	5U	5U	5U	5U	5U	5U	5U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/l	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ
Acetone	ug/l	R	R	R	R	R	R	R	R	R
Benzene	ug/l	1	0.7J	1U	1U	1U	1U	1U	1U	1U
Bromodichloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/l	1U	1UJ	1U	1U	1U	1U	1U	1U	1U
Carbon disulfide	ug/l	1U	1UJ	1U	1U	1U	1U	1U	1U	1U
Carbon tetrachloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobromomethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/l	1U	1UJ	1U	1U	1U	1U	1U	1U	1U
Methyl Tert Butyl Ether	ug/l	1U	1UJ	1U	1U	1U	1U	1U	1U	1U
Methylene chloride	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
Styrene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/l	0.6J	1.5	1U	1U	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
trans-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/l	2U	2U	2U	2U	2U	2U	2U	2U	2U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*
									Duplicate	
Parameter	*Units*									
Volatiles TICs										
2-Ethyl-1-hexanol A	ug/L	--	--	--	--	--	--	--	--	--
Benzene, C3 Substitute A	ug/L	--	--	--	--	--	--	--	--	--
Diisopropyl ether A	ug/L	3NJ	--	--	--	--	--	--	--	--
Dimethyl disulfide A	ug/L	--	--	--	--	--	--	--	--	--
Methanethiol	ug/L	--	--	--	--	--	--	--	--	--
Naphthalene, 1,2,3,4-tetrahy A	ug/L	--	--	--	--	--	--	--	--	--
n-Butyl ether A	ug/L	--	--	--	--	--	--	--	--	--
Tetrahydrofuran A	ug/L	--	--	--	--	--	--	--	--	--
Unknown D	ug/L	--	--	--	--	--	--	--	--	--
TCL Semi-volatiles										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/l	25UJ	25UJ	25U	25UJ	25UJ	25U	25UJ	25UJ	25U
2,4-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/l	2J	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/l	25U	25UJ	25U	25U	25U	25U	25U	25U	25U
2-Nitrophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/l	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	ug/l	25UJ	25UJ	25U	25U	25U	25U	25UJ	25UJ	25U
4,6-Dinitro-2-methylphenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
4-Bromophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25UJ	25U	25U	25U	25U
4-Nitrophenol	ug/l	25U	25UJ	25U	25UJ	25UJ	25UJ	25U	25U	25U
Acenaphthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*
									Duplicate	
Parameter	*Units*									
Benzo(b)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/l	10U	10U	10U	10U	10U	10U	5J	10U	10U
Butyl benzylphthalate	ug/l	10U	10U	10U	10U	10U	10U	1J	10U	10U
Carbazole	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/l	10U	10U	10U	10U	10U	6J	10U	10U	1J
Di-n-butylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/l	10U	10UJ	10UJ	10UJ	10UJ	10UJ	10U	10U	10U
Hexachloroethane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/l	10U	10UJ	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/l	25UJ	25UJ	25U	25UJ	25UJ	25UJ	25UJ	25UJ	25U
Phenanthrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Semi-volatiles TICs										
1(2H)-Naphthalenone, 3,4-dihydro-	ug/L	--	--	--	--	--	--	--	--	--
1-Phenyl-(related)-1-propanone A	ug/L	--	--	--	--	--	--	--	--	--
2(1h)-Pyridinone, 1-methyl-	ug/L	--	--	--	--	--	--	--	--	--
2(3H)-Benzothiazolone A	ug/L	--	--	--	--	--	--	--	--	--
2,4-Bipyridyl	ug/L	--	--	--	--	--	--	--	--	--
2-chloro-5-(trifluoromethyl)-benzenamine	ug/L	--	--	3.1NJ	--	--	--	--	--	--
2-Ethyl-1-hexanol A	ug/L	--	--	--	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
2-Isopropyl-6-methylaniline	ug/L	--	--	--	--	--	--	--	--	--
2-Methyl-5-butylpyridine	ug/L	--	--	--	--	--	--	--	--	--
2-Pyridinamide,6-methyl	ug/L	--	--	--	--	--	--	--	--	--
3-Hexene, 3-ethyl-2,5-dimethyl-	ug/L	--	--	--	--	--	--	--	--	--
4,4'-Difluorobiphenyl	ug/L	--	--	2.6NJ	--	--	--	--	--	--
Acetamide, N-(_alpha_-methylpheneth	ug/L	--	--	--	--	--	--	--	--	--
Alkane: Bicyclic	ug/L	--	--	--	--	--	--	--	--	--
Alkane: Cyclic C	ug/L	--	--	--	--	--	--	--	--	--
Aniline A	ug/L	--	--	--	--	--	--	--	--	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8LI-95*	*MW-9D-01*	*MW-9LI-01*	*MW-10D-01*	*MW-10LI-01*	*MW-11D-01*	*MW-11LI-01*	*MW-11LI-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*
									Duplicate	
Parameter	*Units*									
Benzaldehyde, 3-hydroxy-4-methoxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzaldehyde, 4-hydroxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 2,6-bis(1-methy	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 3-(trifluoromet	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-2-methyl	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-N-methyl-	ug/L	--	--	--	--	--	--	--	--	--
Benzeneacetic acid, _alpha_-methoxy	ug/L	--	--	--	--	--	--	--	--	--
Benzenemethanol, 4-methyl-	ug/L	--	--	--	--	--	--	--	--	--
Benzenethanol, 4-chloro-_alpha_,_al	ug/L	--	--	--	--	--	--	--	--	--
Benzoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Bicyclo(3_2_2)non-2-ene, 2-phenyl-	ug/L	--	--	--	--	--	--	--	--	--
Butanoic acid, 3-methyl	ug/L	--	--	--	--	--	--	--	--	--
Butoxyethoxy-ethanol A	ug/L	--	--	--	--	--	--	--	--	--
Cyclopentanone, 2,5-bis(phenylmethy	ug/L	--	--	--	--	--	--	--	--	--
Diethyl-phenol Isomer	ug/L	--	--	--	--	--	--	--	--	--
Diethyltoluamide A	ug/L	--	--	--	--	--	--	--	--	2.5NJ
difluorobiphenyl isomer+unknown	ug/L	--	2.2J	--	--	--	--	--	--	--
Dimethylpyridine isomer A	ug/L	--	--	--	--	--	--	--	--	--
Fluoronitrophenol isomer	ug/L	--	--	--	--	--	--	--	--	--
Formamide, N,N-dimethyl-	ug/L	--	--	--	--	--	--	--	--	--
Methanone, phenyl-2-pyridinyl-	ug/L	--	--	--	--	--	--	--	--	--
Nonanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Octadecanoic acid, 1,2-ethanediyl e	ug/L	--	--	--	--	--	--	--	64NJ	--
Octadecanoic acid, 2-((1-oxohexadec	ug/L	--	--	--	--	--	--	23NJ	77NJ	--
Oxazole, 2,5-dimethyl-4-phenyl-	ug/L	--	--	--	--	--	--	--	--	--
p-Diethylaminoacetophenone	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 2-chloro-	ug/L	--	--	5.1NJ	--	--	--	--	--	--
Pyridine, 2-ethyl-5-methyl-	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 3-ethyl-	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 4-methyl-2-(2-methyl-1-pr	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 5-ethyl-2-methyl-	ug/L	16NJ	--	--	--	--	--	--	--	--
Pyridine,3-ethyl-	ug/L	--	--	--	--	--	--	--	--	--
Undecanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Unknown A	ug/L	3.7J	2.3J	2.2J	2.1J	--	--	--	--	--
Unknown B	ug/L	--	3.7J	3.1J	8.3J	--	--	--	--	--
Unknown C	ug/L	--	5J	9.5J	2.7J	--	--	--	--	--
Unknown D	ug/L	--	--	24J	--	--	--	--	--	--
Unknown E	ug/L	--	--	2.6J	--	--	--	--	--	--
Unknown F	ug/L	--	--	4.2J	--	--	--	--	--	--
Unknown G	ug/L	--	--	--	--	--	--	--	--	--
Unknown H	ug/L	--	--	--	--	--	--	--	--	--
Unknown I	ug/L	--	--	--	--	--	--	--	--	--
Unknown J	ug/L	--	--	--	--	--	--	--	--	--
Unknown K	ug/L	--	--	--	--	--	--	--	--	--
Unknown L	ug/L	--	--	--	--	--	--	--	--	--
Unknown M	ug/L	--	--	--	--	--	--	--	--	--
Unknown N	ug/L	--	--	--	--	--	--	--	--	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*
									Duplicate	
Parameter	*Units*									
Unknown O	ug/L	--	--	--	--	--	--	--	--	--
Unknown P	ug/L	--	--	--	--	--	--	--	--	--
Unknown Q	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid C	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid D	ug/L	--	--	--	--	--	--	--	--	--
Unknown Alcohol A	ug/L	--	3.4J	--	3J	--	0J	--	--	2.2J
Unknown Amide A	ug/L	--	7.4J	--	--	--	--	--	--	--
Unknown Amine A	ug/L	--	--	--	--	--	--	--	--	--
unknown amine B	ug/L	--	--	--	--	--	--	--	--	--
unknown amine C	ug/L	--	--	--	--	--	--	--	--	--
Unknown Benzene A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Branched Alkane A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Branched Alkane B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Cycloalkane A	ug/L	--	--	--	12J	--	--	--	--	--
Unknown Cycloalkane B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Ester A	ug/L	--	--	2.9J	--	--	--	--	--	--
Unknown Ester B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Ketone A	ug/L	--	--	10J	--	--	--	--	--	--
Unknown Ketone B	ug/L	--	--	7J	--	--	--	--	--	--
Unknown Straight Alkane A	ug/L	--	--	--	--	--	--	--	--	--
TAL Inorganics										
Aluminum	ug/l	61.0U	23.2	11.7U	85.6U	189	105U	110U	183	74.1U
Antimony	ug/l	4.4U	14.4	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U
Arsenic	ug/l	2.7U	2.7UJ	2.7UJ	2.7U	2.7U	2.7U	2.7U	2.7U	2.7U
Barium	ug/l	23.2	167	20.4	286	7.7	64.8	7.6	8.7	22.3
Beryllium	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Cadmium	ug/l	0.28U	0.20U	0.20U	0.25U	0.20U	0.20U	0.22U	0.20U	0.20U
Calcium	ug/l	21700	61900	52100	80400	11400	38600	33000	33100	35600
Chromium Total	ug/l	0.70U	4.0	0.70U	2.6	0.70U	1.4	0.94	1.8	0.70U
Cobalt	ug/l	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U
Copper	ug/l	2.6	1.3UJ	1.3UJ	3.1	2.5	3.2	2.1	3.0	2.1
Cyanide (total)	ug/l	10.0U	10.0U	10.0U	10.0U	79.3	10.0U	10.0U	10.0U	10.0U
Iron	ug/l	345	160	15.8	322	132	142	77.2U	234	94.3
Lead	ug/l	0.60U	0.60UJ	0.60UJ	2.0	0.60U	0.60U	0.60U	0.60U	0.60U
Magnesium	ug/l	5190	15400	10400	31100	1340	8860	4000	4020	7040
Manganese	ug/l	817	222	224	131	442	51.5	89.9	136	31.6
Manganese (Dissolved)	ug/l	955	--	--	--	--	--	--	--	--
Mercury	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	ug/l	2.8	2.7	1.9	3.3	1.9U	6.4	1.9U	1.9U	1.9U
Potassium	ug/l	18800	1660	8310	1580	1050	691	1080	1050	1110
Selenium	ug/l	R	R	R	R	R	R	R	R	R
Silver	ug/l	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U	1.1U
Sodium	ug/l	18800	47800	52100	48700	73800	6190	7250	7180	5390
Thallium	ug/l	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U
Vanadium	ug/l	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U	1.3U
Zinc	ug/l	3.5U	0.70UJ	0.70UJ	2.5U	1.7U	2.4U	6.2U	9.9U	2.2U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*
Sample ID:		*GW-3698-DD-070501-18*	*GW-3698-DD-070701-34*	*GW-3698-DD-070701-19*	*GW-3698-DD-070601-35*	*GW-3698-DD-070601-21*	*GW-3698-DD-070601-36*	*GW-3698-DD-070601-09*	*GW-3698-DD-070601-10*	*GW-3698-DD-070601-37*
Sample Date:		*07/05/2001*	*07/07/2001*	*07/07/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001*	*07/06/2001* *Duplicate*	*07/06/2001*
Parameter	*Units*									
Wet Chemistry										
Alkalinity, Bicarbonate	mg/l	127	–	–	–	–	–	–	–	–
Alkalinity, Carbonate	mg/l	1.0U	–	–	–	–	–	–	–	–
Alkalinity, Total (As CaCO3)	mg/l	128	–	–	–	–	–	–	–	–
Chloride	mg/l	4.2	–	–	–	–	–	–	–	–
Hardness	ug/l	75400	–	–	–	–	–	–	–	–
Nitrate (as N)	mg/l	0.10U	–	–	–	–	–	–	–	–
Nitrite (as N)	mg/l	–	–	–	–	–	–	–	–	–
Nitrogen	mg/l	0.10U	–	–	–	–	–	–	–	–
Sulfate	mg/l	24.8	–	–	–	–	–	–	–	–
Sulfide	mg/l	0.5U	–	–	–	–	–	–	–	–
Total Organic Carbon (TOC)	mg/l	34.1	–	–	–	–	–	–	–	–
Gas										
Ethane	ug/l	1UJ	–	–	–	–	–	–	–	–
Ethene	ug/l	1UJ	–	–	–	–	–	–	–	–
Methane	ug/l	110J	–	–	–	–	–	–	–	–

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	*Units*									
TCL Volatiles										
1,1,1-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2,4-Trichlorobenzene	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromo-3-chloropropane (DBCP)	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
1,2-Dibromoethane (Ethylene Dibromide)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/l	R	R	R	R	R	R	R	R	R
2-Hexanone	ug/l	5U	5UJ	5U	5UJ	5UJ	5U	5U	5U	5U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/l	5UJ	5UJ	5UJ	6.7J	5UJ	5UJ	5UJ	5UJ	5UJ
Acetone	ug/l	R	R	R	R	R	R	R	R	R
Benzene	ug/l	1U	55	18	37	1U	63	1.5	1U	1U
Bromodichloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/l	1U	1UJ	1U	1UJ	1UJ	1U	1U	1U	1U
Carbon disulfide	ug/l	1U	1UJ	1U	1UJ	1UJ	1U	1U	1U	1U
Carbon tetrachloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chlorobenzene	ug/l	1U	14	2	1U	1U	1U	1U	1U	1U
Chlorobromomethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/l	1U	1.1J	1U	25	1UJ	1U	1U	1U	1U
Methyl Tert Butyl Ether	ug/l	1U	1UJ	1U	1UJ	1UJ	1U	1U	1U	1U
Methylene chloride	ug/l	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ	1UJ
Styrene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/l	1	0.5J	1	3.7	1U	1U	1U	1	1U
trans-1,2-Dichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
trans-1,3-Dichloropropene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/l	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/l	2U	1J	2U	45	2U	2U	2U	2U	2U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	*Units*									
Volatiles TICs										
2-Ethyl-1-hexanol A	ug/L	--	--	--	--	--	--	--	--	--
Benzene, C3 Substitute A	ug/L	--	--	--	--	--	--	--	--	--
Diisopropyl ether A	ug/L	--	5.2NJ	--	9.4NJ	--	--	--	--	--
Dimethyl disulfide A	ug/L	--	--	--	--	--	--	--	--	--
Methanethiol	ug/L	--	--	--	--	--	--	--	--	--
Naphthalene, 1,2,3,4-tetrahy A	ug/L	--	--	--	--	--	--	--	--	--
n-Butyl ether A	ug/L	--	3.6NJ	--	--	--	--	--	--	--
Tetrahydrofuran A	ug/L	--	--	--	5.6NJ	--	--	--	--	--
Unknown D	ug/L	--	--	--	--	--	--	--	--	--
TCL Semi-volatiles										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	ug/l	25UJ	25UJ	25UJ	25UJ	25U	25UJ	25U	25UJ	25UJ
2,4-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	ug/l	10U	8J	1J	41	10U	26	10U	10U	10U
2-Chloronaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25U	25U	25U	25U	25U
2-Nitrophenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	ug/l	10U	10U	10U	5J	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	ug/l	20U	20U	20U	20U	20U	20U	20U	20U	20U
3-Nitroaniline	ug/l	25U	25UJ	25U	25UJ	25U	25U	25U	25UJ	25UJ
4,6-Dinitro-2-methylphenol	ug/l	25U	25U	25U	25U	25U	25U	25U	25U	25U
4-Bromophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Chlorophenyl phenyl ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	ug/l	10U	3J	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	ug/l	25UJ	25UJ	25UJ	25UJ	25U	25UJ	25U	25U	25U
4-Nitrophenol	ug/l	25UJ	25UJ	25UJ	25UJ	25U	25UJ	25U	25U	25U
Acenaphthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	*Units*									
Benzo(b)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	ug/l	10U	10U	4J	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbazole	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chrysene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	ug/l	10UJ	10UJ	10UJ	10UJ	10UJ	10UJ	10UJ	10U	10U
Hexachloroethane	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Isophorone	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	ug/l	10U	10UJ	10U	10UJ	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	ug/l	25UJ	25UJ	25UJ	25UJ	25U	25UJ	25U	25UJ	25UJ
Phenanthrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/l	10U	10U	10U	10U	10U	10U	10U	10U	10U
Semi-volatiles TICs										
1(2H)-Naphthalenone, 3,4-dihydro-	ug/L	--	--	--	--	--	--	--	--	--
1-Phenyl-(related)-1-propanone A	ug/L	--	--	--	5.3J	--	--	--	--	--
2(1h)-Pyridinone, 1-methyl-	ug/L	--	--	--	--	--	--	--	--	--
2(3H)-Benzothiazolone A	ug/L	--	--	--	--	--	--	--	--	--
2,4-Bipyridyl	ug/L	--	--	3.5NJ	--	--	--	--	--	--
2-chloro-5-(trifluoromethyl)-benzenamine	ug/L	--	--	--	--	--	--	--	--	--
2-Ethyl-1-hexanol A	ug/L	--	--	--	--	--	--	--	--	--
2-Ethyl-ethanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
2-Isopropyl-6-methylaniline	ug/L	--	7.2NJ	--	--	--	--	--	--	--
2-Methyl-5-butylpyridine	ug/L	--	--	--	--	--	--	--	--	--
2-Pyridinamide,6-methyl	ug/L	--	--	--	--	--	--	--	--	--
3-Hexene, 3-ethyl-2,5-dimethyl-	ug/L	--	--	--	--	--	--	--	--	--
4,4'-Difluorobiphenyl	ug/L	--	--	--	--	--	--	--	--	--
Acetamide, N-(_alpha_-methylpheneth	ug/L	--	--	--	2NJ	--	--	--	--	--
Alkane: Bicyclic	ug/L	--	--	--	5.4J	--	--	--	--	--
Alkane: Cyclic C	ug/L	--	--	--	--	--	--	--	--	--
Aniline A	ug/L	--	--	--	--	--	--	--	--	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	*Units*									
Benzaldehyde, 3-hydroxy-4-methoxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzaldehyde, 4-hydroxy-	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 2,6-bis(1-methy	ug/L	--	24NJ	--	--	--	--	--	--	--
Benzenamine, 3-(trifluoromet	ug/L	--	--	--	--	--	4.3NJ	--	--	--
Benzenamine, 4-methoxy-	ug/L	--	--	--	52NJ	--	--	--	--	--
Benzenamine, 4-methoxy-2-methyl	ug/L	--	--	--	--	--	--	--	--	--
Benzenamine, 4-methoxy-N-methyl-	ug/L	--	180NJ	--	--	--	--	--	--	--
Benzeneacetic acid, _alpha_-methoxy	ug/L	--	--	--	--	--	4.9NJ	--	--	--
Benzenemethanol, 4-methyl-	ug/L	--	--	--	--	--	--	--	--	--
Benzenethanol, 4-chloro-_alpha_,_al	ug/L	--	--	--	--	--	--	--	--	--
Benzoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Bicyclo(3_2_2)non-2-ene, 2-phenyl-	ug/L	--	--	--	--	--	--	--	--	--
Butanoic acid, 3-methyl	ug/L	--	--	--	--	--	--	--	--	--
Butoxyethoxy-ethanol A	ug/L	--	--	--	--	--	--	--	--	--
Cyclopentanone, 2,5-bis(phenylmethy	ug/L	--	--	--	--	--	--	--	--	--
Diethyl-phenol Isomer	ug/L	--	3.3NJ	--	--	--	--	--	--	--
Diethyltoluamide A	ug/L	--	--	75NJ	--	--	--	--	--	--
difluorobiphenyl isomer+unknown	ug/L	--	--	--	--	--	--	--	--	--
Dimethylpyridine isomer A	ug/L	--	--	--	--	--	--	--	--	--
Fluoronitrophenol isomer	ug/L	--	--	--	--	--	--	--	--	--
Formamide, N,N-dimethyl-	ug/L	--	--	--	--	--	--	--	--	--
Methanone, phenyl-2-pyridinyl-	ug/L	--	--	--	--	--	--	--	--	--
Nonanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Octadecanoic acid, 1,2-ethanediyl e	ug/L	--	--	--	--	--	--	--	--	--
Octadecanoic acid, 2-((1-oxohexadec	ug/L	--	--	--	--	--	--	--	--	--
Oxazole, 2,5-dimethyl-4-phenyl-	ug/L	--	--	--	--	--	--	--	--	--
p-Diethylaminoacetophenone	ug/L	--	4NJ	--	--	--	--	--	--	--
Pyridine, 2-chloro-	ug/L	--	5.3NJ	--	--	--	8.2NJ	--	--	--
Pyridine, 2-ethyl-5-methyl-	ug/L	--	--	--	22NJ	--	--	--	--	--
Pyridine, 3-ethyl-	ug/L	--	2.3NJ	--	57NJ	--	--	--	--	--
Pyridine, 4-methyl-2-(2-methyl-1-pr	ug/L	--	--	--	--	--	--	--	--	--
Pyridine, 5-ethyl-2-methyl-	ug/L	--	20NJ	3.9NJ	--	--	16NJ	--	--	--
Pyridine,3-ethyl-	ug/L	--	--	--	--	--	--	--	--	--
Undecanoic acid A	ug/L	--	--	--	--	--	--	--	--	--
Unknown A	ug/L	--	4.7J	3J	2J	2.4J	3.9J	2.3J	12J	--
Unknown B	ug/L	--	2.7J	6.1J	7.7J	--	9.2J	--	--	--
Unknown C	ug/L	--	4J	6.9J	2.4J	--	16J	--	--	--
Unknown D	ug/L	--	3.3J	2.6J	5.2J	--	--	--	--	--
Unknown E	ug/L	--	2.3J	--	3J	--	--	--	--	--
Unknown F	ug/L	--	28J	--	2.9J	--	--	--	--	--
Unknown G	ug/L	--	37J	--	4J	--	--	--	--	--
Unknown H	ug/L	--	--	--	78J	--	--	--	--	--
Unknown I	ug/L	--	--	--	8.1J	--	--	--	--	--
Unknown J	ug/L	--	--	--	69J	--	--	--	--	--
Unknown K	ug/L	--	--	--	3.3J	--	--	--	--	--
Unknown L	ug/L	--	--	--	--	--	--	--	--	--
Unknown M	ug/L	--	--	--	--	--	--	--	--	--
Unknown N	ug/L	--	--	--	--	--	--	--	--	--

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	*Units*									
Unknown O	ug/L	--	--	--	--	--	--	--	--	--
Unknown P	ug/L	--	--	--	--	--	--	--	--	--
Unknown Q	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid C	ug/L	--	--	--	--	--	--	--	--	--
Unknown Acid D	ug/L	--	--	--	--	--	--	--	--	--
Unknown Alcohol A	ug/L	--	--	2.1J	--	--	--	--	--	--
Unknown Amide A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Amine A	ug/L	--	--	--	--	--	--	--	--	--
unknown amine B	ug/L	--	--	--	--	--	--	--	--	--
unknown amine C	ug/L	--	--	--	--	--	--	--	--	--
Unknown Benzene A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Branched Alkane A	ug/L	--	--	--	2.7J	--	--	--	--	--
Unknown Branched Alkane B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Cycloalkane A	ug/L	--	--	--	--	--	--	--	--	--
Unknown Cycloalkane B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Ester A	ug/L	--	3J	--	2.4J	--	--	--	--	--
Unknown Ester B	ug/L	--	--	--	6.7J	--	--	--	--	--
Unknown Ketone A	ug/L	--	--	--	--	--	2.2J	--	--	--
Unknown Ketone B	ug/L	--	--	--	--	--	--	--	--	--
Unknown Straight Alkane A	ug/L	--	--	--	--	--	--	--	--	--
TAL Inorganics										
Aluminum	ug/l	90.4U	41.3	27.0U	190	11.7U	34.0U	11.7U	45.9U	56.6U
Antimony	ug/l	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U
Arsenic	ug/l	2.7U	2.8J	2.7U	15.1J	2.7UJ	3.8	2.7UJ	2.7U	2.7U
Barium	ug/l	6.1	25.0	35.8	7.8	7.3	7.3	30.1	4.1	5.9
Beryllium	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.25	0.10U	0.10U
Cadmium	ug/l	0.20U	0.20U	0.46U	0.20U	0.20U	0.20U	0.56	0.20U	0.22U
Calcium	ug/l	28400	6780	30100	8810	28300	6770	11400	15900	55300
Chromium Total	ug/l	1.2	0.70U	0.83	0.70U	0.70U	0.77	0.99	0.70U	0.70U
Cobalt	ug/l	1.8U	1.8U	3.1	2.5	1.8U	1.8U	2.7	1.8U	1.8U
Copper	ug/l	1.9	1.3UJ	2.0	1.3UJ	1.3UJ	3.6	1.3UJ	2.2	1.5
Cyanide (total)	ug/l	10.0U	10.0U	10.0U	132	10.0U	10.0U	10.0U	14.7	10.0U
Iron	ug/l	118	624	1180	382	55.0	48.1U	48.3	192	2110
Lead	ug/l	0.60U	0.60UJ	2.3	2.2J	0.60UJ	0.60U	0.60UJ	0.60U	0.60U
Magnesium	ug/l	3280	1770	5060	1150	6320	1440	1610	3340	9030
Manganese	ug/l	21.9	890	5540	495J	3680	1640	6620	933J	99.9
Manganese (Dissolved)	ug/l	--	877J	--	674J	3740J	--	6780J	1300J	66.7
Mercury	ug/l	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	ug/l	3.1	1.9U	2.1	4.2	1.9U	4.5	11.4	2.5	1.9U
Potassium	ug/l	560	12900	5510	10700	880	1880	4320	2200	1040
Selenium	ug/l	R	R	R	R	R	R	R	R	R
Silver	ug/l	1.1U	1.1U	1.1	1.1U	1.1U	1.1U	1.1	1.1U	1.1U
Sodium	ug/l	3060	208000	25500	360000	23400	110000	68300	47900	42800
Thallium	ug/l	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U	2.2U
Vanadium	ug/l	1.3U	1.3U	1.3U	1.7	1.3U	1.3U	1.3U	1.3U	1.3U
Zinc	ug/l	7.5U	39.7J	3.4U	5.2J	114J	2.7U	82.8J	4.7U	8.6

TABLE I2.7

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-13D-01*	*SW-2*	*SW-3*	*SW-4*	*SW-7*	*SW-8*	*SW-9*	*T-2*	*T-3*
Sample ID:		*GW-3698-DD-070601-20*	*GW-3698-DD-071001-22*	*GW-3698-DD-070601-23*	*GW-3698-DD-071001-24*	*GW-3698-DD-070901-026*	*GW-3698-DD-070601-27*	*GW-3698-DD-070901-08*	*GW-3698-DD-070501-38*	*GW-3698-DD-070501-39*
Sample Date:		*07/06/2001*	*07/10/2001*	*07/06/2001*	*07/10/2001*	*07/09/2001*	*07/06/2001*	*07/09/2001*	*07/05/2001*	*07/05/2001*
Parameter	***Units***									
Wet Chemistry										
Alkalinity, Bicarbonate	mg/l	--	483	--	741	132	--	28.6	105	161
Alkalinity, Carbonate	mg/l	--	1.0U	--	1.0U	1.0U	--	1.0U	1.0U	1.0U
Alkalinity, Total (As CaCO3)	mg/l	--	483	--	741	132	--	28.6	105	161
Chloride	mg/l	--	4.0	--	24.6	5.3	--	2.4	3.3	62.9
Hardness	ug/l	--	24200	--	26700	96700	--	35100	53400	175000
Nitrate (as N)	mg/l	--	1.87	--	0.10U	1.35	--	32.1	1.83	0.21
Nitrite (as N)	mg/l	--	0.10U	--	0.10U	0.10U	--	0.10U	--	--
Nitrogen	mg/l	--	--	--	--	--	--	--	0.10U	0.10U
Sulfate	mg/l	--	105	--	91.2	21.8	--	72.0	69.6	22.3
Sulfide	mg/l	--	0.5U	--	0.5U	0.5U	--	0.5U	0.5U	0.5U
Total Organic Carbon (TOC)	mg/l	--	16.7	--	25.3	26.9	--	5.5	5.3	24.9
Gas										
Ethane	ug/l	--	1U	--	1U	1U	--	1U	1UJ	1UJ
Ethene	ug/l	--	1U	--	1U	1U	--	1U	1UJ	1UJ
Methane	ug/l	--	530	--	3000	430	--	1J	1J	1J

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.8

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - NOVEMBER 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-5D-95*	*MW-5U-95*	*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-10U-01*
Sample ID:		*GW-3698-DD-110601-13*	*GW-3698-DD-110601-12*	*GW-3698-DD-110701-11*	*GW-3698-DD-110601-01*	*GW-3698-DD-110601-06*	*GW-3698-DD-110601-05*	*GW-3698-DD-110601-02*	*GW-3698-DD-110601-03*
Sample Date:		*11/6/2001*	*11/6/2001*	*11/8/2001*	*11/6/2001*	*11/6/2001*		*11/6/2001*	*11/6/2001*
									Duplicate
Parameters	*Units*								
Volatile Organic Compounds									
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	1 J	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Semi Volatile Organic Compounds									
2-Aminopyridine	ug/L	10 U	10 U	10 U	5 J	10 U	10 U	10 U	10 U
2-Picoline	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyridine	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Metals									
Aluminum	ug/L	-	-	-	28.3	-	-	-	-
Antimony	ug/L	-	-	-	4.6 U	-	-	-	-
Arsenic	ug/L	-	-	-	7.3	-	-	-	-
Barium	ug/L	-	-	-	186	-	-	-	-
Beryllium	ug/L	-	-	-	0.86	-	-	-	-
Cadmium	ug/L	-	-	-	0.96	-	-	-	-
Calcium	ug/L	-	-	-	69700	-	-	-	-
Chromium Total	ug/L	-	-	-	1.8	-	-	-	-
Cobalt	ug/L	-	-	-	2.6 U	-	-	-	-
Copper	ug/L	-	-	-	2.5	-	-	-	-
Iron	ug/L	-	-	-	284	-	-	-	-
Lead	ug/L	-	-	-	0.80 U	-	-	-	-
Magnesium	ug/L	-	-	-	14900	-	-	-	-
Manganese	ug/L	-	-	-	303	-	-	-	-
Mercury	ug/L	-	-	-	0.12 U	-	-	-	-
Nickel	ug/L	-	-	-	2.2	-	-	-	-
Potassium	ug/L	-	-	-	1290 J	-	-	-	-
Selenium	ug/L	-	-	-	2.0 U	-	-	-	-
Silver	ug/L	-	-	-	0.80 U	-	-	-	-
Sodium	ug/L	-	-	-	71500	-	-	-	-
Thallium	ug/L	-	-	-	3.3 U	-	-	-	-
Vanadium	ug/L	-	-	-	1.7 U	-	-	-	-
Zinc	ug/L	-	-	-	8.7	-	-	-	-

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.8

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - NOVEMBER 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-11D-01*	*MW-11U-01*	*MW-12D-01*	*MW-13D-01*	*SW-9*
Sample ID:		*GW-3698-DD-110701-17*	*GW-3698-DD-110701-18*	*GW-3698-DD-110701-22*	*GW-3698-DD-110601-14*	*GW-3698-DD-110801-30*
Sample Date:		*11/7/2001*	*11/7/2001*	*11/7/2001*	*11/6/2001*	*11/8/2001*
Parameters	*Units*					
Volatile Organic Compounds						
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	2 U	2 U	2 U	2 U	2 U
Semi Volatile Organic Compounds						
2-Aminopyridine	ug/L	10 U	10 U	10 U	10 U	2 J
2-Picoline	ug/L	10 U	10 U	10 U	10 U	10 U
Pyridine	ug/L	10 U	10 U	10 U	10 U	10 U
Metals						
Aluminum	ug/L	-	-	-	-	-
Antimony	ug/L	-	-	-	-	-
Arsenic	ug/L	-	-	-	-	-
Barium	ug/L	-	-	-	-	-
Beryllium	ug/L	-	-	-	-	-
Cadmium	ug/L	-	-	-	-	-
Calcium	ug/L	-	-	-	-	-
Chromium Total	ug/L	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-
Copper	ug/L	-	-	-	-	-
Iron	ug/L	-	-	-	-	-
Lead	ug/L	-	-	-	-	-
Magnesium	ug/L	-	-	-	-	-
Manganese	ug/L	-	-	-	-	-
Mercury	ug/L	-	-	-	-	-
Nickel	ug/L	-	-	-	-	-
Potassium	ug/L	-	-	-	-	-
Selenium	ug/L	-	-	-	-	-
Silver	ug/L	-	-	-	-	-
Sodium	ug/L	-	-	-	-	-
Thallium	ug/L	-	-	-	-	-
Vanadium	ug/L	-	-	-	-	-
Zinc	ug/L	-	-	-	-	-

Notes:

J	- Estimated
U	- Non- detect at associated value.
UJ	- The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R	- Value has been rejected.
--	- Parameter is not analysed.
TAL	- Target Analyte List.
TCL	- Target Compound List

TABLE I2.9

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - MARCH 2002
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1*	*MW-5D-95*	*MW-5U-95*	*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*
Sample ID:		*GW-3698-031902-DD-14*	*GW-3698-031902-BC-10*	*GW-3698-031902-BC-11*	*GW-3698-031902-DD-7*	*GW-3698-032002-BC-13*	*GW-3698-032002-BC-12*	*GW-3698-031902-BC-8*	*GW-3698-031902-BC-9*
Sample Date:		*3/19/2002*	*3/19/2002*	*3/19/2002*	*3/19/2002*	*3/20/2002*	*3/20/2002*	*3/19/2002*	*3/19/2002*
Parameters	*Units*								
Volatile Organic Compounds									
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	2 U	1 J	2 U	2 U	2 U	2 U	2 U	2 U
o-Xylene	ug/L	1 U	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Semi Volatile Organic Compounds									
2-Aminopyridine	ug/L	-	10 U	10 U	10 U	2 J	10 U	10 U	10 U
2-Picoline	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyridine	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.9

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - MARCH 2002
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*	*MW-13D-01*
Sample ID:		*GW-3698-031902-DD-4*	*GW-3698-031902-DD-2*	*GW-3698-031902-DD-3*	*GW-3698-031902-DD-5*	*GW-3698-031902-DD-6*
Sample Date:		*3/19/2002*	*3/19/2002*	*3/19/2002*	*3/19/2002*	*3/19/2002*
				Duplicate		
Parameters	*Units*					
Volatile Organic Compounds						
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U
m&p-Xylene	ug/L	2 U	2 U	2 U	2 U	2 U
o-Xylene	ug/L	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U
Semi Volatile Organic Compounds						
2-Aminopyridine	ug/L	10 U	10 U	10 U	10 U	10 U
2-Picoline	ug/L	10 U	10 U	10 U	10 U	10 U
Pyridine	ug/L	10 U	10 U	10 U	10 U	10 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.10

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*	*MW-2D-91*	*MW-3*	*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*
Sample ID:		*GW-3698-07*	*GW-3698-26*	*GW-3698-14*	*GW-3698-21*	*GW-3698-22*	*GW-3698-03*	*GW-3698-04*	*GW-3698-19*	*GW-3698-25*	*GW-3698-02*	*GW-3698-24*	*GW-3698-09*	*GW-3698-18*	*GW-3698-17*
Sample Date:		*06/04/2002*	*06/06/2002*	*06/05/2002*	*06/05/2002*	*06/05/2002*	*06/03/2002*	*06/03/2002*	*06/04/2002*	*06/05/2002*	*06/03/2002*	*06/05/2002*	*06/04/2002*	*06/04/2002*	*06/03/2002*
						Duplicate		*Duplicate*							
Parameter	*Units*														
Ethane	ug/L	1	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Methane	ug/L	1000	2600	1U	1600	1500	210	280	6600	5800	58	76	1000	9700	1U
TAL Inorganics															
Calcium	ug/L	475000	86500	13100	65500	67000	26600	24000	15200	2930	44500	24200	30700	128000	10500
Iron	ug/L	53.7	152J	871J	6000J	6130J	5950	5330	1410	366J	146	11500J	264	261	240
Magnesium	ug/L	306	25.4	2390	11000	11300	6300	5680	4820	501	8190	5920	6410	50600	1840
Manganese (Dissolved)	ug/L	1.8U	5.0	97.1	10900	11600	7910	7780	402	121	44.0	5910	3290	127	165
TCL Semi-volatiles															
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Aminopyridine	ug/L	10J	10U	10U	3J	3J	10UJ	14J	10U	9J	10UJ	10U	10UJ	10U	10UJ
2-Picoline	ug/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/L	10UJ	10U	10U	10U	10U	10UJ	10UJ	10U	10U	10UJ	10U	10UJ	10U	10UJ
TCL Volatiles															
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1UJ	1UJ	1UJ	1U	1U	1U	1UJ	1U	1UJ	1U	1U	1U
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/L	1.3	1U	1U	1U	1.4	1.7	1.6	1U	1U	1U	1.5	1U	1U	1U
1,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/L	44	71	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
2-Hexanone	ug/L	4J	5.7	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	5U	7.5	5U	5U	5U	5U	5U	4J	6.9	5U	5U	5U	5U	5U
Acetone	ug/L	230UJ	640J	5UJ	5UJ	5UJ	5U	5U	5U	5UJ	5U	37J	5U	5U	5U
Benzene	ug/L	100	13	1U	91	94	170	170	90	110	1U	72	1U	1U	1U
Bromodichloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon disulfide	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.5J	1U
Carbon tetrachloride	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U

TABLE I2.10

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*DW-1-95*	*DW-2-95*	*MW-1*	*MW-1D-91*	*MW-1D-91*	*MW-1U-91*	*MW-1U-91*	*MW-2D-91*	*MW-3*	*MW-3D-91*	*MW-4*	*MW-4D-91*	*MW-5D-95*	*MW-5U-95*
Sample ID:		*GW-3698-07*	*GW-3698-26*	*GW-3698-14*	*GW-3698-21*	*GW-3698-22*	*GW-3698-03*	*GW-3698-04*	*GW-3698-19*	*GW-3698-25*	*GW-3698-02*	*GW-3698-24*	*GW-3698-09*	*GW-3698-18*	*GW-3698-17*
Sample Date:		*06/04/2002*	*06/06/2002*	*06/05/2002*	*06/05/2002*	*06/05/2002*	*06/03/2002*	*06/03/2002*	*06/04/2002*	*06/05/2002*	*06/03/2002*	*06/05/2002*	*06/04/2002*	*06/04/2002*	*06/03/2002*
						Duplicate		*Duplicate*							
Parameter	*Units*														
Chlorobenzene	ug/L	1U	0.6J	1U	5.6	5.9	8.1	7.7	9.3	110	1U	4.6	1U	1U	1U
Chlorobromomethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/L	1U	2.0	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	0.6J	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/L	1	1U	1U	1U	1U	1U	1U	53	22	1U	1U	1U	1U	1U
Methyl Tert Butyl Ether	ug/L	1U	0.9J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	24
Methylene chloride	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/L	1.4U	2.1	1U	1U	1U	1U	1U	1U	1.2	1U	1U	1U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	1UJ	1UJ	1UJ	1U	1U	1U	1UJ	1U	1UJ	1U	1U	1U
trans-1,3-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/L	0.9J	0.9J	2U	2U	2U	2U	2U	49	18	2U	2U	2U	1J	2U
WetChemistry															
Alkalinity, Total (As CaCO3)	mg/L	1620	1350	150	323	328	366	370	579	576	145	474	134	340	95.5
Bicarbonate (as CaCO3)	mg/L	180	119	150	323	328	366	370	578	576	145	474	134	340	95.5
Carbonate	mg/L	1400	1180	1.0U	1.0U	1.0U	1.0U	1.0U	1.0	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chloride	mg/L	8.9	29.1	2.7	4.1	4.2	1.3	1.3	87.5	8.4	3.5	2.9	7.1	223	4.1
Dissolved Organic Carbon (DOC)	mg/L	11.4	15.3	12.7	15.3	20.2	15.7	15.7	25.9	25.0	1.1	35.0	5.2	7.5	1.8
Hardness	mg/L	1190	216	42.5	209	214	92.3	83.3	57.8	9.4	145	84.8	103	527	33.8
Nitrate (as N)	mg/L	0.10U	0.19	25.1	0.96J	0.50J	0.73	0.48	0.13	7.44	0.10U	10.3	0.10U	0.71	0.84
Nitrite (as N)	mg/L	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Sulfate	mg/L	8.9	7.9	168	81.5	85.5	63.0	76.5	147	64.0	23.8	110	29.4	19.8	35.2
Sulfide	mg/L	0.5UJ	0.5U	0.5U	1.0U	1.0U	2.5UJ	2.5UJ	0.5UJ	0.5U	0.5UJ	1.5U	1.0UJ	0.5UJ	0.5UJ

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.10

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-6D-95*	*MW-7*	*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*SW-2*	*SW-4*	*SW-6*	*SW-7*	*SW-9*	*SW-10*	*T-2*	*T-3*
Sample ID:		*GW-3698-01*	*GW-3698-08*	*GW-3698-16*	*GW-3698-30*	*GW-3698-15*	*GW-3698-28*	*GW-3698-20*	*GW-3698-27*	*GW-3698-10*	*GW-3698-06*	*GW-3698-11*	*GW-3698-13*	*GW-3698-12*
Sample Date:		*06/03/2002*	*06/04/2002*	*06/03/2002*	*06/05/2002*	*06/05/2002*	*06/06/2002*	*06/04/2002*	*06/05/2002*	*06/04/2002*	*06/04/2002*	*06/04/2002*	*06/05/2002*	*06/05/2002*
Parameter	*Units*													
Ethane	ug/L	1U	1U	1U	-	-	1U	1U	1U	1U	1U	1U	1U	1U
Ethene	ug/L	1U	1U	1U	-	-	1U	1U	1U	1U	1U	1U	1U	1U
Methane	ug/L	5	10000	1100	-	-	1300	63	8	1400	1U	69	1U	3
TAL Inorganics														
Calcium	ug/L	4980	46000	17300	-	-	16700	12900	58200	33200	25300	19300	27500	60900
Iron	ug/L	129	726	553	-	-	566J	158	11600J	24.2	12.4U	130	40.4J	1130J
Magnesium	ug/L	117	4460	3010	-	-	3750	1620	9610	6750	3080	3810	4870	9560
Manganese (Dissolved)	ug/L	2.6U	7710	395	-	-	1570	415	22900	3270	2830	917	4560	40.3
TCL Semi-volatiles														
1,2,4-Trichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,3-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,4-Dichlorobenzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Aminopyridine	ug/L	10UJ	300	10UJ	-	-	42	5J	3J	10UJ	10UJ	10U	10U	10U
2-Picoline	ug/L	10U	28	10U	-	-	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	ug/L	10UJ	15J	10UJ	-	-	10U	10U	10U	10UJ	10UJ	10U	10U	10U
TCL Volatiles														
1,1,1-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2,2-Tetrachloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,2-Trichloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethane	ug/L	1U	1U	1U	1UJ	1UJ	1U	1U	1UJ	1U	1U	1U	1UJ	1UJ
1,1-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1U	1U	1U	1U	1	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethane	ug/L	1U	4.3	1U	1U	1U	1.6	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloropropane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
2-Butanone (Methyl Ethyl Ketone)	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
2-Hexanone	ug/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	5U	15	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Acetone	ug/L	5U	5U	5U	5UJ	5UJ	5UJ	5U	5UJ	5U	5U	5U	5UJ	5UJ
Benzene	ug/L	1U	790	40	1U	1U	55	2.8	25	1U	1U	1U	1U	1U
Bromodichloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromoform	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Bromomethane (Methyl Bromide)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon disulfide	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Carbon tetrachloride	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U

TABLE I2.10

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - JULY 2001
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-6D-95*	*MW-7*	*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*SW-2*	*SW-4*	*SW-6*	*SW-7*	*SW-9*	*SW-10*	*T-2*	*T-3*
Sample ID:		*GW-3698-01*	*GW-3698-08*	*GW-3698-16*	*GW-3698-30*	*GW-3698-15*	*GW-3698-28*	*GW-3698-20*	*GW-3698-27*	*GW-3698-10*	*GW-3698-06*	*GW-3698-11*	*GW-3698-13*	*GW-3698-12*
Sample Date:		*06/03/2002*	*06/04/2002*	*06/03/2002*	*06/05/2002*	*06/05/2002*	*06/06/2002*	*06/04/2002*	*06/05/2002*	*06/04/2002*	*06/04/2002*	*06/04/2002*	*06/05/2002*	*06/05/2002*
Parameter	*Units*													
Chlorobenzene	ug/L	1U	14	1	1U	1U	8.6	1U	1.4	1U	1U	1U	1U	1U
Chlorobromomethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroform (Trichloromethane)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloromethane (Methyl Chloride)	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,3-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Dibromochloromethane	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Ethylbenzene	ug/L	1U	70	0.7J	1U	1U	0.7J	1.4	1U	1U	1U	1U	1U	1U
Methyl Tert Butyl Ether	ug/L	1U	1U	1U	1.5	250	1U	1U	1U	1U	1U	1U	1U	1U
Methylene chloride	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Styrene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/L	1U	19	1U	1U	1U	0.7J	1U	1U	1U	1U	1.5U	1U	1U
trans-1,2-Dichloroethene	ug/L	1U	1U	1U	1UJ	1UJ	1U	1U	1UJ	1U	1U	1U	1UJ	1UJ
trans-1,3-Dichloropropene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl chloride	ug/L	1U	0.8J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/L	2U	210	1J	2U	2U	1J	3.2	2U	2U	2U	2	2U	2U
WetChemistry														
Alkalinity, Total (As CaCO3)	mg/L	266	811	276	-	-	456	96.2	167	135	4.8	51.0	77.3	185
Bicarbonate (as CaCO3)	mg/L	183	808	276	-	-	456	96.2	167	135	4.8	51.0	77.3	185
Carbonate	mg/L	80.9	2.5	1.0U	-	-	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
Chloride	mg/L	3.0	12.4	6.6	-	-	3.8	1.5	1.0	6.8	1.3	1.6	6.7	71.0
Dissolved Organic Carbon (DOC)	mg/L	4.3	47.1	16.5	-	-	17.8	9.7	20.9	2.6	4.6	5.4	3.3U	1.7U
Hardness	mg/L	12.9	133	55.6	-	-	57.1	38.9	185	111	75.9	63.9	88.7	191
Nitrate (as N)	mg/L	2.54	39.7	0.10U	-	-	3.40	2.70	0.32	0.19	69.3	7.42	21.0	0.14
Nitrite (as N)	mg/L	0.50	1.80	0.10U	-	-	0.10U	0.10U	0.10U	0.10U	0.10U	0.14	0.10U	0.10U
Sulfate	mg/L	45.2	174	58.0	-	-	295	45.8	121	30.0	56.2	93.2	41.2	20.2
Sulfide	mg/L	0.5UJ	1.5UJ	0.5UJ	-	-	0.5U	0.5UJ	1.5U	1.5UJ	1.0UJ	0.5UJ	1.5U	0.5U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.11

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - AUGUST 2002
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-8U-95*	*MW-9D-01*	*MW-9U-01*	*MW-10D-01*	*MW-10U-01*	*MW-11D-01*	*MW-11U-01*	*MW-12D-01*	*MW-13D-01*	*SW-9*
Sample ID:		*GW-82802-08*	*GW-82802-06*	*GW-82802-07*	*GW-82802-RR-10*	*GW-82702-03*	*GW-82702-04*	*GW-82702-01*	*GW-82702-02*	*GW-82802-RR-13*	*GW-82802-RR-11*	*GW-82802-RR-12*	*GW-82802-09*	*GW-82802-14*
Sample Date:		*08/28/2002*	*08/28/2002*	*08/28/2002*	*08/28/2002*	*08/27/2002*	*08/27/2002*	*08/27/2002*	*08/27/2002*	*08/28/2002*	*08/28/2002*	*08/28/2002*	*08/28/2002*	*08/28/2002*
				Duplicate										
Parameter	***Units***													
TCL Volatiles														
Benzene	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	190
Ethylbenzene	ug/L	1U	1U	1U	1U	0.6J	0.5J	1U	1U	1U	1U	1U	1U	1U
o-Xylene	ug/L	1U	1U	1U	1U	0.6J	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	ug/L	1U	1U	1U	2	1	0.6J	1U	1U	1U	1U	1U	1U	1U
Xylene (total)	ug/L	2U	2U	2U	1J	1J	1J	0.7J	2U	2U	2U	2U	2U	2U
TCL Semi-volatiles														
2-Aminopyridine	ug/L	0.5J	1U	0.3J	130	4	1U	1U	1U	1U	1U	1U	1U	3900
2-Picoline	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	35J
Pyridine	ug/L	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	0.8J

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.12

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-1*	*MW-1*	*MW-5D-95*	*MW-5D-95*	*MW-5U-95*	*MW-5U-95*	*MW-8U-95*	*MW-8U-95*	*MW-9D-01*
Sample ID:		*GW369821903BC008*	*GW-3698-081203-RR-009*	*GW3698021803RR002*	*GW-3698-81203-BC-10*	*GW369821903BC006*	*GW-81203-BC-06*	*GW369821903RR011*	*GW-3698-81303-BC-14*	*GW369821903RR007*
Sample Date:		*2/19/2003*	*8/12/2003*	*2/18/2003*	*8/12/2003*	*2/19/2003*	*8/12/2003*	*2/19/2003*	*8/13/2003*	*2/19/2003*
Parameter	***Units***									
TCL Volatiles										
Benzene	ug/L	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	2	1.74 J	1
Ethylbenzene	ug/L	5	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
m&p-Xylene	ug/L	22	1 UJ	2 U	1 UJ	2 U	1 UJ	2 U	1 UJ	2 U
o-Xylene	ug/L	12	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Toluene	ug/L	4	1 UJ	1 U	1 UJ	0.7 J	1 UJ	1 U	1 UJ	1 U
TCL Semi-volatiles										
2-Aminopyridine	ug/L	0.9 J	1 U	1 U	1 U	1 U	1 U	75	69	1 U
2-Picoline	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	3	0.4 J	1 U
Pyridine	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.12

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-9D-01*	*MW-9U-01*	*MW-9U-01*	*MW-10D-01*	*MW-10D-01*	*MW-10U-01*	*MW-10U-01*	*MW-10U-01*	*MW-10U-01*
Sample ID:		*GW-3698-081203-RR-005*	*GW369821903RR009*	*GW-3698-081203-RR-007*	*GW3698021803RR005*	*GW-81203-BC-04*	*GW3698021803RR001*	*GW3698021803RR003*	*GW-81203-BC-02*	*GW-81203-BC-08*
Sample Date:		*8/12/2003*	*2/19/2003*	*8/12/2003*	*2/18/2003*	*8/12/2003*	*2/18/2003*	*2/18/2003*	*8/12/2003*	*8/12/2003*
								Duplicate		*Duplicate*
Parameter	***Units***									
TCL Volatiles										
Benzene	ug/L	2.36 J	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Ethylbenzene	ug/L	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
m&p-Xylene	ug/L	1 UJ	2 U	1 UJ	2 U	1 UJ	2 U	2 U	1 UJ	1 UJ
o-Xylene	ug/L	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Toluene	ug/L	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
TCL Semi-volatiles										
2-Aminopyridine	ug/L	4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Picoline	ug/L	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyridine	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.12

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*MW-11D-01*	*MW-11D-01*	*MW-11U-01*	*MW-11U-01*	*MW-12D-01*	*MW-12D-01*	*MW-13D-01*	*MW-13D-01*	*SW-9*
Sample ID:		*GW3698022003RR015*	*GW-3698-081303-RR-011*	*GW3698022003RR013*	*GW-3698-081303-RR-013*	*GW3698022003BC14*	*GW-3698-81303-BC-16*	*GW3698022003BC012*	*GW-3698-81203-BC-12*	*GW3698022003RR017*
Sample Date:		*2/20/2003*	*8/13/2003*	*2/20/2003*	*8/13/2003*	*2/20/2003*	*8/13/2003*	*2/20/2003*	*8/12/2003*	*2/20/2003*
Parameter	***Units***									
TCL Volatiles										
Benzene	ug/L	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Ethylbenzene	ug/L	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
m&p-Xylene	ug/L	2 U	1 UJ	2 U	1 UJ	2 U	1 UJ	2 U	1 UJ	2 U
o-Xylene	ug/L	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Toluene	ug/L	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
TCL Semi-volatiles										
2-Aminopyridine	ug/L	1 U	1 U	1 U	1 U	1 U	5	1 U	1 U	1 U
2-Picoline	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyridine	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

J - Estimated
U - Non- detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analysed.
TAL - Target Analyte List.
TCL - Target Compound List

TABLE I2.12

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING - 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SW-9*	*T-2*	*T-2*
Sample ID:		*GW-3698-081303-RR-015*	*GW369821903BC010*	*GW-3698-081203-RR-001*
Sample Date:		*8/13/2003*	*2/19/2003*	*8/12/2003*
Parameter	***Units***			
TCL Volatiles				
Benzene	ug/L	0.651 J	1 U	1 UJ
Ethylbenzene	ug/L	1 UJ	1 U	1 UJ
m&p-Xylene	ug/L	1 UJ	2 U	1 UJ
o-Xylene	ug/L	1 UJ	1 U	1 UJ
Toluene	ug/L	1 UJ	1 U	1 UJ
TCL Semi-volatiles				
2-Aminopyridine	ug/L	1	0.6 J	1 U
2-Picoline	ug/L	1 U	1 U	1 U
Pyridine	ug/L	1 U	1 U	1 U

Notes:

J	- Estimated
U	- Non- detect at associated value.
UJ	- The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R	- Value has been rejected.
–	- Parameter is not analysed.
TAL	- Target Analyte List.
TCL	- Target Compound List

APPENDIX I.3

SURFACE WATER

TABLE I.3-1

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1985
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*W-1*	*W-2*	*W-3*	*W-4*
Sample ID:		*W-1*	*W-2*	*W-3*	*W-4*
Sample Date:		*12/1985*	*12/1985*	*12/1985*	*12/1985*
Parameter	*Units*				
TCL Volatiles					
2-Butanone (Methyl Ethyl Ketone)	µg/L	10U	10U	10U	10U
Acetone	µg/L	U	U	U	U
Methylene chloride	µg/L	U	U	U	U
Toluene	µg/L	U	U	U	U
TCL Semi-Volatiles					
2-Aminopyridine	µg/L	U	U	U	U
Pyridine	µg/L	1400	2000	1800	1700
TAL Inorganics					
Antimony	µg/L	U	U	U	U
Arsenic	µg/L	0.001U	0.001U	0.001U	0.001U
Barium	µg/L	0.05U	0.05U	0.05U	0.05U
Beryllium	µg/L	0.003U	0.003U	0.003U	0.013
Cadmium	µg/L	0.003U	0.003U	0.005	0.003U
Chromium Total	µg/L	0.01U	0.01U	0.01U	0.01U
Copper	µg/L	0.01U	0.01U	0.01U	0.01U
Cyanide (total)	µg/L	U	U	U	U
Lead	µg/L	0.025U	0.025U	0.025U	0.025U
Mercury	µg/L	0.0005U	0.001	0.0005U	0.0005U
Nickel	µg/L	0.02U	0.02U	0.02U	0.02U
Selenium	µg/L	0.013	0.011	0.012	0.003
Silver	µg/L	0.006U	0.013	0.006U	0.006U
Sodium	µg/L	7.8	11.67	5.73	28.1
Thallium	µg/L	U	U	U	U
Zinc	µg/L	0.074	0.102	0.074	0.11
Wet Chemistry					
Chloride (Dissolved)	mg/L	18	24	14	16

Notes:

Original detection limits were not included in analytical data and are unavailable
J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.3-2

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*3*	*3*	*3*	*4*	*4*	*4*	*6*	*6*	*7*	*7*
Sample ID:		*SWEF03*	*SWEF13*	*SWEF13 Dup*	*SWEF04*	*SWEF11*	*SWEF11 Dup*	*SWEF06*	*SWEF10*	*SWEF07*	*SWEF09*
Sample Date:		*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*
				Duplicate			*Duplicate*				
Parameter	***Units***										
TCL Volatiles											
1,1,1-Trichloroethane	µg/L	10U	5U	5U	10U	5U	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloroethene (total)	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Acetone	µg/L	10U	10U	16	10U	3J	10U	5U	3J	10U	3J
Benzene	µg/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U
Bromodichloromethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Bromomethane (Methyl Bromide)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Carbon tetrachloride	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Chloromethane (Methyl Chloride)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Methylene chloride	µg/L	5U	5U	5U	4J	5U	5U	4J	5U	3J	5U
Styrene	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Tetrachloroethene	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Toluene	µg/L	1J	5UJ	12J	1J	1J	1J	5U	5U	5U	1J
trans-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Trichloroethene	µg/L	5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U
Vinyl acetate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Xylene (total)	µg/L	5U	5U	3U	5U	5U	5U	5U	5U	5U	5U
TCL Semi-Volatiles											
1,2,4-Trichlorobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
1,2-Dichlorobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
1,3-Dichlorobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
1,4-Dichlorobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,4,5-Trichlorophenol	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
2,4,6-Trichlorophenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,4-Dichlorophenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,4-Dimethylphenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,4-Dinitrophenol	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
2,4-Dinitrotoluene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2,6-Dinitrotoluene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Aminopyridine	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Chloronaphthalene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U

TABLE I.3-2

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*3*	*3*	*3*	*4*	*4*	*4*	*6*	*6*	*7*	*7*
Sample ID:		*SWEF03*	*SWEF13*	*SWEF13 Dup*	*SWEF04*	*SWEF11*	*SWEF11 Dup*	*SWEF06*	*SWEF10*	*SWEF07*	*SWEF09*
Sample Date:		*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*
				Duplicate			*Duplicate*				
Parameter	***Units***										
2-Chlorophenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Methylnaphthalene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Methylphenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Nitroaniline	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
2-Nitrophenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
2-Picoline	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
3,3'-Dichlorobenzidine	µg/L	21U	21U	21U	22U	22U	22U	20U	25U	22U	22U
3-Nitroaniline	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
4,6-Dinitro-2-methylphenol	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
4-Bromophenyl phenyl ether	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
4-Chloro-3-methylphenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
4-Chloroaniline	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
4-Chlorophenyl phenyl ether	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
4-Methylphenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
4-Nitroaniline	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
4-Nitrophenol	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
Acenaphthene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Acenaphthylene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Anthracene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzo(a)anthracene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzo(a)pyrene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzo(b)fluoranthene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzo(g,h,i)perylene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzo(k)fluoranthene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Benzoic acid	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
Benzyl Alcohol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
bis(2-Chloroethoxy)methane	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
bis(2-Chloroethyl)ether	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
bis(2-Ethylhexyl)phthalate	µg/L	14U	12U	17U	19U	120U	87U	18U	110U	39U	220
Butyl benzylphthalate	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Chrysene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Dibenz(a,h)anthracene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Dibenzofuran	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Diethyl phthalate	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Dimethyl phthalate	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Di-n-butylphthalate	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Di-n-octyl phthalate	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Fluoranthene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Fluorene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Hexachlorobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Hexachlorobutadiene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Hexachlorocyclopentadiene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Hexachloroethane	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Indeno(1,2,3-cd)pyrene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Isophorone	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Naphthalene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Nitrobenzene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
N-Nitrosodi-n-propylamine	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
N-Nitrosodiphenylamine	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Pentachlorophenol	µg/L	53U	53U	52U	54U	54U	55U	50U	62U	56U	54U
Phenanthrene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Phenol	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U

TABLE I.3-2

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		3	3	3	4	4	4	6	6	7	7
Sample ID:		*SWEF03*	*SWEF13*	*SWEF13 Dup*	*SWEF04*	*SWEF11*	*SWEF11 Dup*	*SWEF06*	*SWEF10*	*SWEF07*	*SWEF09*
Sample Date:		*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*
				Duplicate			*Duplicate*				
Parameter	***Units***										
Pyrene	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
Pyridine	µg/L	11U	11U	10U	11U	11U	11U	10U	12U	11U	11U
TCL Pesticides/PCBs											
4,4'-DDD	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDE	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDT	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1UJ	0.1U	0.1U
Aldrin	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
alpha-BHC	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
alpha-Chlordane	µg/L	0.6U	0.51U	0.51U	0.65U	0.51U	0.52U	0.51U	0.5U	0.51U	0.5U
Aroclor-1016 (PCB-1016)	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aroclor-1221 (PCB-1221)	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aroclor-1232 (PCB-1232)	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aroclor-1242 (PCB-1242)	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aroclor-1248 (PCB-1248)	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aroclor-1254 (PCB-1254)	µg/L	0.24U	0.2U	0.2U	0.26U	0.2U	0.21U	0.2U	0.2U	0.2U	0.2U
Aroclor-1260 (PCB-1260)	µg/L	0.24U	0.2U	0.2U	0.26U	0.2U	0.21U	0.2U	0.2U	0.2U	0.2U
beta-BHC	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
delta-BHC	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
Dieldrin	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan I	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
Endosulfan II	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan sulfate	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1UJ	0.1U	0.1U
Endrin ketone	µg/L	0.12U	0.1U	0.1U	0.13U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
gamma-BHC (Lindane)	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05UJ	0.051U	0.05U
gamma-Chlordane	µg/L	0.6U	0.51U	0.51U	0.65U	0.51U	0.52U	0.51U	0.5U	0.51U	0.5U
Heptachlor	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
Heptachlor epoxide	µg/L	0.06U	0.051U	0.051U	0.065U	0.051U	0.052U	0.051U	0.05U	0.051U	0.05U
Methoxychlor	µg/L	0.6U	0.51U	0.51U	0.65U	0.51U	0.52U	0.51U	0.5U	0.51U	0.5U
Toxaphene	µg/L	1.2U	1U	1U	1.3U	1U	1U	1U	1U	1U	1U
TAL Inorganics											
Aluminum	µg/L	62.4	504J	677J	145	618	629	134	296	65.3	600
Antimony	µg/L	30U	40.4	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U	30.3U
Arsenic	µg/L	2.5UJ	2.5U	4.3	3.3	2.5U	2.5U	2.5U	3.7	2.5U	3.8
Barium	µg/L	22.3	24.5	25.6	22.0	26	26.2	10.0	14.8	10.9	24.8
Beryllium	µg/L	1.0	0.70J	1.0J	1.1	0.90	0.90	0.60	0.70	0.90	0.80
Cadmium	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Calcium	µg/L	58,900	41,700	43,000	59,600	43,300	42,200	44,900	34,100	46,700	41,700
Chromium Total	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Cobalt	µg/L	5.4U	5.4U	5.4U	5.4U	5.4U	5.4U	5.4U	5.4U	5.4U	5.4U
Copper	µg/L	23.2	9.9	6.4	10.7	8.9	9.1	13.8	8.6	9.5	8.3
Iron	µg/L	349	904	996	365	1,140	1,050	237	564	152	871
Lead	µg/L	2.9	1.5	1.1U	1.1U	1.1U	1.1U	1.3	1.1U	2.2	1.1U
Magnesium	µg/L	8,020	6,280	6,450	8,140	6,470	6,320	7,850	7,210	7,720	6,740
Manganese	µg/L	270	221	226	364	273	265	56.4	133	65.9	291
Mercury	µg/L	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U
Nickel	µg/L	14.7U	14.7U	14.7U	14.7U	14.7U	14.7U	14.7U	14.7U	14.8	14.7U
Potassium	µg/L	1,940	3,220	3,310	2,080	3,360	3,270	3,060	3,850	2,800	3,630
Selenium	µg/L	0.2UJ	0.2UJ	0.2UJ	0.2UJ	0.2UJ	0.2UJ	0.2UJ	0.2UJ	0.2U	0.2U

TABLE I.3-2

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*3*	*3*	*3*	*4*	*4*	*4*	*6*	*6*	*7*	*7*
Sample ID:		*SWEF03*	*SWEF13*	*SWEF13 Dup*	*SWEF04*	*SWEF11*	*SWEF11 Dup*	*SWEF06*	*SWEF10*	*SWEF07*	*SWEF09*
Sample Date:		*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/14/1991*	*08/20/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*	*08/13/1991*	*08/20/1991*
				Duplicate			*Duplicate*				
Parameter	***Units***										
Silver	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
Sodium	µg/L	15,900	7,820	7,950	15,700	7,900	7,680	33,400	22,400	29,300	11,300
Thallium	µg/L	1.5UJ	1.5	1.8	1.5U	1.5U	1.5U	1.5UJ	1.5U	1.5UJ	1.5U
Vanadium	µg/L	5.7U	5.7U	5.7U	5.7U	5.7U	5.7U	5.7U	5.7U	5.7U	5.7U
Zinc	µg/L	11.0	3.3U	3.3U	50.6	7.4U	4.7	42.8	3.3U	10.5	5.8
Wet Chemistry											
Cyanide (total)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pH	S.U.	7.3	6.6	6.7	7.5	6.8	6.7	8.1	7.2	8	6.8
Petroleum hydrocarbons	µg/L	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-4*	*SWII-4*	*SWII-4*	*SWII-4*	*SWII-7*	*SWII-7*	*SWII-7*	*SWII-9*
Sample ID:		*SW-3698-060595-DJM-012*	*SW-3698-061495-DJM-031*	*SW-3698-061495-EFF-030*	*SW-3698-061995-DJM-035*	*SW-3698-060595-CN-011*	*SW-3698-061495-DJM-029*	*SW-3698-061995-DJM-034*	*SW-3698-060595-CN-017*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*
			Duplicate						
Parameter	***Units***								
TCL Volatiles									
1,1,1-Trichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2,2-Tetrachloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,1,2-Trichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethene (total)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloropropane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Acetone	µg/L	10U	10UJ	10UJ	10U	10U	10UJ	10U	10U
Benzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Bromodichloromethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Bromoform	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Bromomethane (Methyl Bromide)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Carbon tetrachloride	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Chlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Chloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Chloromethane (Methyl Chloride)	µg/L	10U	10U	10U	10U	10UJ	10U	10U	10U
cis-1,3-Dichloropropene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibromochloromethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Ethylbenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Methylene chloride	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Styrene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Toluene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
trans-1,3-Dichloropropene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Trichloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Xylene (total)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
TCL Semi-Volatiles									
1,2,4-Trichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	µg/L	25U	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	µg/L	25UJ	25UJ	25UJ	25UJ	R	25UJ	25UJ	25UJ
2,4-Dinitrotoluene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	µg/L	25U	25U	25U	25U	25U	25U	25U	25U
2-Nitrophenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
2-Picoline	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	µg/L	10U	10U	10U	10U	10U	10UJ	10UJ	10U
3-Nitroaniline	µg/L	25UJ	25UJ	25UJ	25UJ	25U	25U	25UJ	25UJ

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-4*	*SWII-4*	*SWII-4*	*SWII-4*	*SWII-7*	*SWII-7*	*SWII-7*	*SWII-9*
Sample ID:		*SW-3698-060595-DJM-012*	*SW-3698-061495-DJM-031*	*SW-3698-061495-EFF-030*	*SW-3698-061995-DJM-035*	*SW-3698-060595-CN-011*	*SW-3698-061495-DJM-029*	*SW-3698-061995-DJM-034*	*SW-3698-060595-CN-017*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*
			Duplicate						
Parameter	***Units***								
4,6-Dinitro-2-methylphenol	µg/L	25U	25U	25U	25U	25UJ	25U	25U	25U
4-Bromophenyl phenyl ether	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	µg/L	10U	10UJ	10UJ	10U	10U	10U	10UJ	10U
4-Chlorophenyl phenyl ether	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	µg/L	25UJ	25UJ	25UJ	25UJ	25U	25U	25U	25UJ
4-Nitrophenol	µg/L	25U	25UJ	25UJ	25UJ	R	25UJ	25UJ	25U
Acenaphthene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Anthracene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Benzo(b)fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Benzo(g,h,i)perylene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Benzo(k)fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
bis(2-Chloroethoxy)methane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Carbazole	µg/L	10U	10UJ	10UJ	10UJ	10U	10UJ	10U	10U
Chrysene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Dibenzofuran	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Fluorene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	µg/L	10U	10U	10U	10U	10UJ	10U	10U	10U
Hexachloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	µg/L	10U	10U	10U	10U	10U	10U	10UJ	10U
Isophorone	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Naphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	µg/L	25U	25U	25U	25U	R	25U	25U	25U
Phenanthrene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Phenol	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyrene	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
Pyridine	µg/L	10U	10U	10U	10U	10U	10U	10U	10U
TCL Pesticides/PCBs									
4,4'-DDD	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDE	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDT	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aldrin	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
alpha-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
alpha-Chlordane	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Aroclor-1016 (PCB-1016)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U
Aroclor-1221 (PCB-1221)	µg/L	2U	2U	2U	2.1U	2U	2U	2U	2U
Aroclor-1232 (PCB-1232)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U
Aroclor-1242 (PCB-1242)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U
Aroclor-1248 (PCB-1248)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-4*	*SWII-4*	*SWII-4*	*SWII-4*	*SWII-7*	*SWII-7*	*SWII-7*	*SWII-9*
Sample ID:		*SW-3698-060595-DJM-012*	*SW-3698-061495-DJM-031*	*SW-3698-061495-EFF-030*	*SW-3698-061995-DJM-035*	*SW-3698-060595-CN-011*	*SW-3698-061495-DJM-029*	*SW-3698-061995-DJM-034*	*SW-3698-060595-CN-017*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/05/1995*
			Duplicate						
Parameter	***Units***								
Aroclor-1254 (PCB-1254)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U
Aroclor-1260 (PCB-1260)	µg/L	1U	1U	1U	1U	1U	1U	1U	1U
beta-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
delta-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Dieldrin	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan I	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Endosulfan II	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan sulfate	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin aldehyde	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin ketone	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
gamma-BHC (Lindane)	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
gamma-Chlordane	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Heptachlor	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Heptachlor epoxide	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U	0.05U
Methoxychlor	µg/L	0.5U	0.5U	0.5U	0.52U	0.5U	0.5U	0.5U	0.5U
Toxaphene	µg/L	5U	5U	5U	5.2U	5U	5U	5U	5U
TCL Inorganics									
Aluminum	µg/L	78.4U	149U	130U	226U	65.4	66.4U	76.8U	28.3U
Antimony	µg/L	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U
Arsenic	µg/L	3.2	1.5	1.7	1.4U	2.2	1.7	1.4U	1.4U
Barium	µg/L	13.4	14.0	13.7	17.1	7.8	9.5	7.9	6.5
Beryllium	µg/L	0.3U	0.3U	0.3U	0.3U	0.3U	1.2U	0.5U	0.3U
Cadmium	µg/L	0.4U	0.4U	0.4U	0.4U	0.4U	1U	0.43U	0.4U
Calcium	µg/L	54300J	57200	55300	45400	41500J	46800	43500	52600J
Chromium Total	µg/L	0.6U	0.6U	0.6U	0.6U	0.6U	0.70	0.6U	0.6U
Cobalt	µg/L	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U
Copper	µg/L	9.7	1.2U	1.2U	1.2U	1.2U	1.2U	1.2U	1.9U
Cyanide (total)	µg/L	10U	10UJ	54.4J	10U	10U	10U	10U	10U
Iron	µg/L	836	847	812	926	375	318	246	883
Lead	µg/L	0.83U	1.1U	0.7U	0.7U	0.7U	0.89U	0.7U	0.7U
Magnesium	µg/L	8630J	9030	8740	7590	8110J	8910	8140	8520J
Manganese	µg/L	499J	301	290	607	157J	108	117	565J
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	1.5U	1.5U	1.5U	1.5U	1.5U	1.5	1.5U	1.5U
Potassium	µg/L	300	600	583	779	392	744J	443	94.6
Selenium	µg/L	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U
Silver	µg/L	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U
Sodium	µg/L	19700J	18900	18400	16500	28700J	31700	32700	19800J
Thallium	µg/L	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.8	2.4U
Vanadium	µg/L	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U
Zinc	µg/L	6.6U	6.5	4.1	9.1		5.7	1.7U	3.7U
Wet Chemistry									
Chloride	mg/L	77	56	55	49	50	65	72	60
Hardness	mg/L	177	180	174	145	134	153	142	166

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-9*	*SWII-9*	*SWII-9*	*SWII-9*	*SWII-2*	*SWII-2*	*SWII-2*
Sample ID:		*SW-3698-060595-DJM-018*	*SW-3698-061495-DJM-032*	*SW-3698-061995-DJM-037*	*SW-3698-061995-DJM-038*	*SW-3698-060595-DJM-013*	*SW-3698-061495-DJM-033*	*SW-3698-061995-DJM-036*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*
		Duplicate			*Duplicate*			
Parameter	***Units***							
TCL Volatiles								
1,1,1-Trichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
1,1,2,2-Tetrachloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
1,1,2-Trichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
1,1-Dichloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloroethene (total)	µg/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichloropropane	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10U	10U	10U	10U	10U	10U	10U
Acetone	µg/L	10U	10UJ	10U	10U	10U	10UJ	5J
Benzene	µg/L	10U	10U	10U	10U	10U	10U	10U
Bromodichloromethane	µg/L	10U	10U	10U	10U	10U	10U	10U
Bromoform	µg/L	10U	10U	10U	10U	10U	10U	10U
Bromomethane (Methyl Bromide)	µg/L	10U	10U	10U	10U	10U	10U	10U
Carbon disulfide	µg/L	10U	10U	10U	10U	10U	10U	10U
Carbon tetrachloride	µg/L	10U	10U	10U	10U	10U	10U	10U
Chlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
Chloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
Chloroform (Trichloromethane)	µg/L	10U	10U	10U	10U	10U	10U	10U
Chloromethane (Methyl Chloride)	µg/L	10U	10U	10U	10U	10U	10U	10U
cis-1,3-Dichloropropene	µg/L	10U	10U	10U	10U	10U	10U	10U
Dibromochloromethane	µg/L	10U	10U	10U	10U	10U	10U	10U
Ethylbenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
Methylene chloride	µg/L	10U	10U	10U	10U	10U	10U	10U
Styrene	µg/L	10U	10U	10U	10U	10U	10U	10U
Tetrachloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U
Toluene	µg/L	10U	10U	10U	10U	10U	10U	10U
trans-1,3-Dichloropropene	µg/L	10U	10U	10U	10U	10U	10U	10U
Trichloroethene	µg/L	10U	10U	10U	10U	10U	10U	10U
Vinyl chloride	µg/L	10U	10U	10U	10U	10U	10U	10U
Xylene (total)	µg/L	10U	10U	10U	10U	10U	10U	10U
TCL Semi-Volatiles								
1,2,4-Trichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
1,2-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
1,3-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
1,4-Dichlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	10U	10U	10U	10U	10U	10U	10U
2,4,5-Trichlorophenol	µg/L	25U	25U	25U	25U	25U	25U	25U
2,4,6-Trichlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dichlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dimethylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2,4-Dinitrophenol	µg/L	R	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ
2,4-Dinitrotoluene	µg/L	10U	10U	10U	10U	10U	10U	10U
2,6-Dinitrotoluene	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Aminopyridine	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Chloronaphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Chlorophenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Methylnaphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Nitroaniline	µg/L	25U	25U	25U	25U	25U	25U	25U
2-Nitrophenol	µg/L	10U	10U	10U	10U	10U	10U	10U
2-Picoline	µg/L	10U	10U	10U	10U	10U	10U	10U
3,3'-Dichlorobenzidine	µg/L	10U	10U	10UJ	10UJ	10U	10U	10UJ
3-Nitroaniline	µg/L	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ	25UJ

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-9*	*SWII-9*	*SWII-9*	*SWII-9*	*SWII-2*	*SWII-2*	*SWII-2*
Sample ID:		*SW-3698-060595-DJM-018*	*SW-3698-061495-DJM-032*	*SW-3698-061995-DJM-037*	*SW-3698-061995-DJM-038*	*SW-3698-060595-DJM-013*	*SW-3698-061495-DJM-033*	*SW-3698-061995-DJM-036*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*
		Duplicate			*Duplicate*			
Parameter	***Units***							
4,6-Dinitro-2-methylphenol	µg/L	25U	25U	25U	25U	25U	25U	25U
4-Bromophenyl phenyl ether	µg/L	10U	10U	10U	10U	10U	10U	10U
4-Chloro-3-methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U
4-Chloroaniline	µg/L	10U	10UJ	10UJ	10UJ	10U	10UJ	10UJ
4-Chlorophenyl phenyl ether	µg/L	10U	10U	10U	10U	10U	10U	10U
4-Methylphenol	µg/L	10U	10U	10U	10U	10U	10U	10U
4-Nitroaniline	µg/L	25UJ	25UJ	25U	25U	25UJ	25UJ	25U
4-Nitrophenol	µg/L	25U	25UJ	25UJ	25UJ	25U	25UJ	25UJ
Acenaphthene	µg/L	10U	10U	10U	10U	10U	10U	10U
Acenaphthylene	µg/L	10U	10U	10U	10U	10U	10U	10U
Anthracene	µg/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)anthracene	µg/L	10U	10U	10U	10U	10U	10U	10U
Benzo(a)pyrene	µg/L	10U	10U	10U	10U	10U	10U	10U
Benzo(b)fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10U
Benzo(g,h,i)perylene	µg/L	10U	10U	10U	10U	10U	10U	10U
Benzo(k)fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethoxy)methane	µg/L	10U	10U	10U	10U	10U	10U	10U
bis(2-Chloroethyl)ether	µg/L	10U	10U	10U	10U	10U	10U	10U
bis(2-Ethylhexyl)phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Butyl benzylphthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Carbazole	µg/L	10U	10UJ	10U	10U	10U	10UJ	10U
Chrysene	µg/L	10U	10U	10U	10U	10U	10U	10U
Dibenz(a,h)anthracene	µg/L	10U	10U	10U	10U	10U	10U	10U
Dibenzofuran	µg/L	10U	10U	10U	10U	10U	10U	10U
Diethyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Dimethyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Di-n-butylphthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Di-n-octyl phthalate	µg/L	10U	10U	10U	10U	10U	10U	10U
Fluoranthene	µg/L	10U	10U	10U	10U	10U	10U	10U
Fluorene	µg/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorobutadiene	µg/L	10U	10U	10U	10U	10U	10U	10U
Hexachlorocyclopentadiene	µg/L	10U	10U	10U	10U	10U	10U	10U
Hexachloroethane	µg/L	10U	10U	10U	10U	10U	10U	10U
Indeno(1,2,3-cd)pyrene	µg/L	10U	10U	10U	10U	10U	10U	10U
Isophorone	µg/L	10U	10U	10U	10U	10U	10U	10U
Naphthalene	µg/L	10U	10U	10U	10U	10U	10U	10U
Nitrobenzene	µg/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodi-n-propylamine	µg/L	10U	10U	10U	10U	10U	10U	10U
N-Nitrosodiphenylamine	µg/L	10U	10U	10U	10U	10U	10U	10U
Pentachlorophenol	µg/L	25U	25U	25U	25U	25U	25U	25U
Phenanthrene	µg/L	10U	10U	10U	10U	10U	10U	10U
Phenol	µg/L	10U	10U	10U	10U	10U	10U	10U
Pyrene	µg/L	10U	10U	10U	10U	10U	10U	10U
Pyridine	µg/L	10U	10U	10U	10U	10U		
TCL Pesticides/PCBs								
4,4'-DDD	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDE	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
4,4'-DDT	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Aldrin	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
alpha-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
alpha-Chlordane	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Aroclor-1016 (PCB-1016)	µg/L	1U	1U	1U	1U	1U	1U	1U
Aroclor-1221 (PCB-1221)	µg/L	2U	2U	2U	2.1U	2U	2U	2U
Aroclor-1232 (PCB-1232)	µg/L	1U	1U	1U	1U	1U	1U	1U
Aroclor-1242 (PCB-1242)	µg/L	1U	1U	1U	1U	1U	1U	1U
Aroclor-1248 (PCB-1248)	µg/L	1U	1U	1U	1U	1U	1U	1U

TABLE I.3-3

ANALYTICAL RESULTS SUMMARY
SURFACE WATER SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SWII-9*	*SWII-9*	*SWII-9*	*SWII-9*	*SWII-2*	*SWII-2*	*SWII-2*
Sample ID:		*SW-3698-060595-DJM-018*	*SW-3698-061495-DJM-032*	*SW-3698-061995-DJM-037*	*SW-3698-061995-DJM-038*	*SW-3698-060595-DJM-013*	*SW-3698-061495-DJM-033*	*SW-3698-061995-DJM-036*
Sample Date:		*06/05/1995*	*06/14/1995*	*06/19/1995*	*06/19/1995*	*06/05/1995*	*06/14/1995*	*06/19/1995*
		Duplicate			*Duplicate*			
Parameter	***Units***							
Aroclor-1254 (PCB-1254)	µg/L	1U	1U	1U	1U	1U	1U	1U
Aroclor-1260 (PCB-1260)	µg/L	1U	1U	1U	1U	1U	1U	1U
beta-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
delta-BHC	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Dieldrin	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan I	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Endosulfan II	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endosulfan sulfate	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin aldehyde	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Endrin ketone	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
gamma-BHC (Lindane)	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
gamma-Chlordane	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Heptachlor	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Heptachlor epoxide	µg/L	0.05U	0.05U	0.05U	0.052U	0.05U	0.05U	0.05U
Methoxychlor	µg/L	0.5U	0.5U	0.5U	0.52U	0.5U	0.5U	0.5U
Toxaphene	µg/L	5U	5U	5U	5.2U	5U	5U	5U
TCL Inorganics								
Aluminum	µg/L	43.4U	24.6U	349J	221UJ	263U	479U	566
Antimony	µg/L	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U
Arsenic	µg/L	2.1	1.4U	1.4U	1.4U	2.6	1.4U	1.4U
Barium	µg/L	6.5	7.9	10.6	7.9	18.3	18.4	20.6
Beryllium	µg/L	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U
Cadmium	µg/L	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U	0.4U
Calcium	µg/L	52400J	53000	42600	41600	27700J	26000	26900
Chromium Total	µg/L	0.6U	0.6U	0.6U	0.6U	0.6U	0.6U	0.6U
Cobalt	µg/L	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U
Copper	µg/L	2U	1.2U	2.1	1.7	6U	1.2U	3.3
Cyanide (total)	µg/L	10U	10U	10U	10U	10U	10U	10U
Iron	µg/L	934	720	1050	904	2260	1920	1800
Lead	µg/L	0.7U	0.77U	0.77U	0.7U	2.8U	3.2U	4.3U
Magnesium	µg/L	8450J	8460	7690	7550	3500J	3330	3560
Manganese	µg/L	578J	50.8	373	318	120J	102	95.9
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	1.5U	1.5U	1.5U	1.5U	1.5U	1.6	1.5U
Potassium	µg/L	104	257	1170	1130	501	388	462
Selenium	µg/L	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U	1.9U
Silver	µg/L	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U	0.9U
Sodium	µg/L	19700J	17600	17300	16900	4800J	3460	4910
Thallium	µg/L	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U	2.4U
Vanadium	µg/L	1.8U	1.8U	1.8U	1.8U	1.8U	1.8U	2.2
Zinc	µg/L	9.1U	4.9	16.5J	7.1J	18.6U	24.7	27.4
Wet Chemistry								
Chloride	mg/L	60	56	54	54	7	6	9
Hardness	mg/L	166	167	138	135	83.5	78.6	82.0

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

APPENDIX I.4

SEDIMENT

TABLE I.4-1

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLES - 1985
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*W-1*	*W-2*	*W-3*	*W-4*
Sample ID:		*W-1*	*W-2*	*W-3*	*W-4*
Sample Date:		*12/1985*	*12/1985*	*12/1985*	*12/1985*
Parameter	*Units*				
TCL Volatiles					
2-Butanone (Methyl Ethyl Ketone)	µg/kg	7	10U	10U	10U
Acetone	µg/kg	U	U	U	U
Toluene	µg/kg	U	U	U	U
TCL Semi-volatiles					
Pyridine	µg/kg	82500	5720	39940	38100
TAL Inorganics					
Antimony	mg/kg	U	U	U	U
Arsenic	mg/kg	0.8	1.1	14.7	0.8
Barium	mg/kg	28.1	29.3	27.3	24.7
Beryllium	mg/kg	0.003U	0.003U	0.003U	0.003U
Cadmium	mg/kg	0.003U	0.003U	0.003U	0.003U
Chromium Total	mg/kg	5.2	109.1	6.8	7.4
Copper	mg/kg	109.0	100.0	25.6	23.7
Cyanide (total)	mg/kg	U	U	U	U
Lead	mg/kg	11.1	25.9	18.2	19.7
Mercury	mg/kg	0.0005U	0.0005U	0.0005U	0.0005U
Nickel	mg/kg	19.9	28.1	26.4	19.9
Selenium	mg/kg	0.001U	0.001U	1.3	3.3
Silver	mg/kg	0.006U	0.006U	0.006U	0.006U
Sodium	mg/kg	89.1	89.1	79.3	55.1
Thallium	mg/kg	U	U	U	U
Zinc	mg/kg	105.0	119.0	104.3	100.0
Wet Chemistry					
Total Organic Carbon (TOC)	mg/kg	38083	34078	12649	8981

Notes:

Original detection limits were not included in analytical data and are unavailable
J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.4-2

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*1*	*1*	*1*	*1*	*2*	*3*	*4*	*5*	*5*	*6*	*7*	*8*
Sample ID:		*SDEF01*	*SDEF01 Dup*	*SDEF09*	*SDEF09 Dup*	*SDEF02*	*SDEF03*	*SDEF04*	*SDEF05*	*SDEF05 Dup*	*SDEF06*	*SDEF07*	*SDEF08*
Sample Date:		*08/14/1991*	*08/14/1991*	*08/21/1991*	*08/21/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/13/1991*	*08/13/1991*	*08/14/1991*
			Duplicate		*Duplicate*					*Duplicate*			
Parameter	*Units*												
TCL Volatiles													
1,1,1-Trichloroethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,1,2,2-Tetrachloroethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,1,2-Trichloroethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,1-Dichloroethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,1-Dichloroethene	µg/Kg	9U	–	7UJ	12U	29U	10U	12U	6U	–	8U	7U	24U
1,2-Dichloroethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,2-Dichloroethene (total)	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
1,2-Dichloropropane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
2-Butanone (Methyl Ethyl Ketone)	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	38	15U	48U
2-Hexanone	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
Acetone	µg/Kg	17U	–	14U	24U	58U	13J	35	13U	–	130	33	48U
Benzene	µg/Kg	9U	–	7UJ	12U	29U	10U	12U	6U	–	8U	7U	24U
Bromodichloromethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Bromoform	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Bromomethane (Methyl Bromide)	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
Carbon disulfide	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Carbon tetrachloride	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Chlorobenzene	µg/Kg	9U	–	7UJ	12U	29U	10U	12U	6U	–	8U	7U	24U
Chloroethane	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
Chloroform (Trichloromethane)	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Chloromethane (Methyl Chloride)	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
cis-1,3-Dichloropropene	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Dibromochloromethane	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Ethylbenzene	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Methylene chloride	µg/Kg	9U	–	7U	12U	86	28	37	36	–	56	19	43
Styrene	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Tetrachloroethene	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Toluene	µg/Kg	9U	–	7UJ	12U	29U	10U	12U	470J	–	8U	22	110
Total Solids	µg/Kg	60.9	–	66.9	41.5	17.3	49.5	42	81.8	–	62.1	67	19.9
trans-1,3-Dichloropropene	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
Trichloroethene	µg/Kg	9U	–	7UJ	12U	29U	10U	12U	6U	–	8U	7U	24U
Vinyl acetate	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
Vinyl chloride	µg/Kg	17U	–	14U	24U	58U	20U	24U	13U	–	16U	15U	48U
Xylene (total)	µg/Kg	9U	–	7U	12U	29U	10U	12U	6U	–	8U	7U	24U
TCL Semi-volatiles													
1,2,4-Trichlorobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
1,2-Dichlorobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
1,3-Dichlorobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
1,4-Dichlorobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,4,5-Trichlorophenol	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
2,4,6-Trichlorophenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,4-Dichlorophenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,4-Dimethylphenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,4-Dinitrophenol	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
2,4-Dinitrotoluene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2,6-Dinitrotoluene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2-Aminopyridine	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U

TABLE I.4-2

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		1	1	1	1	2	3	4	5	5	6	7	8
Sample ID:		SDEF01	SDEF01 Dup	SDEF09	SDEF09 Dup	SDEF02	SDEF03	SDEF04	SDEF05	SDEF05 Dup	SDEF06	SDEF07	SDEF08
Sample Date:		08/14/1991	08/14/1991	08/21/1991	08/21/1991	08/14/1991	08/14/1991	08/14/1991	08/14/1991	08/14/1991	08/13/1991	08/13/1991	08/14/1991
			Duplicate		Duplicate					Duplicate			
Parameter	Units												
2-Chloronaphthalene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2-Chlorophenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2-Methylnaphthalene	µg/Kg	700J	770J	53J	1600U	3900U	670U	790U	600J	–	1100U	1000U	1700U
2-Methylphenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2-Nitroaniline	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
2-Nitrophenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
2-Picoline	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
3,3'-Dichlorobenzidine	µg/Kg	2200U	4400U	2000U	3200U	7800U	1300U	1600U	1600U	–	2200U	2000U	3300U
3-Nitroaniline	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
4,6-Dinitro-2-methylphenol	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
4-Bromophenyl phenyl ether	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
4-Chloro-3-methylphenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
4-Chloroaniline	µg/Kg	1100U	2200U	60J	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
4-Chlorophenyl phenyl ether	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
4-Methylphenol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
4-Nitroaniline	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
4-Nitrophenol	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
Acenaphthene	µg/Kg	3,500	4,200	450J	620J	3900U	670U	790U	87J	–	1100U	1000U	1700U
Acenaphthylene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Anthracene	µg/Kg	3,400	4,000	490J	550J	3900U	670U	790U	230J	–	1100U	1000U	1700U
Benzo(a)anthracene	µg/Kg	9,400	9,700	1,700	2,500	480J	670U	140J	2,900	–	1100U	1000U	1700U
Benzo(a)pyrene	µg/Kg	7,200	9,600	2,600	3,900	3900U	670U	120J	2,200	–	1100U	1000U	1700U
Benzo(b)fluoranthene	µg/Kg	9,200	14,000	3,700	5,500	3900U	670U	170J	4,200	–	1100U	1000U	1700U
Benzo(g,h,i)perylene	µg/Kg	4,800	5,400	1,400	2,100	3900U	670U	790U	1,200	–	1100U	1000U	1700U
Benzo(k)fluoranthene	µg/Kg	3,200	4,600	1,500	1,800	3900U	670U	790U	1,800	–	1100U	1000U	1700U
Benzoic acid	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
Benzyl Alcohol	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
bis(2-Chloroethoxy)methane	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
bis(2-Chloroethyl)ether	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
bis(2-Ethylhexyl)phthalate	µg/Kg	1,200	1,600J	4700U	9,600	2,100J	210J	340J	480J	–	1100U	1000U	530J
Butyl benzylphthalate	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Chrysene	µg/Kg	8,500	11,000	2,100	2,900	640J	670U	150J	3,600	–	1100U	1000U	1700U
Dibenz(a,h)anthracene	µg/Kg	900J	1,100J	200J	460J	3900U	670U	790U	400J	–	1100U	1000U	1700U
Dibenzofuran	µg/Kg	1,400	1,700J	1000U	1600U	3900U	670U	790U	250J	–	1100U	1000U	1700U
Diethyl phthalate	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Dimethyl phthalate	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Di-n-butylphthalate	µg/Kg	1100U	2200U	5,400	8,400	3900U	670U	790U	810U	–	1100U	1000U	1700U
Di-n-octyl phthalate	µg/Kg	1100U	2200U	6,500	11,000	3900U	670U	790U	810U	–	1100U	1000U	1700U
Fluoranthene	µg/Kg	18,000J	27,000	5,300	7,100	1,700J	670U	230J	4,600	–	1100U	1000U	1700U
Fluorene	µg/Kg	2,600	3,200	320J	430J	3900U	670U	790U	810U	–	1100U	1000U	1700U
Hexachlorobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Hexachlorobutadiene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Hexachlorocyclopentadiene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Hexachloroethane	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Indeno(1,2,3-cd)pyrene	µg/Kg	4,300	4,900	1,300	1,900	3900U	670U	790U	1,200	–	1100U	1000U	1700U
Isophorone	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Naphthalene	µg/Kg	4,200	5,000	230J	360J	3900U	670U	790U	410J	–	1100U	1000U	1700U
Nitrobenzene	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
N-Nitrosodi-n-propylamine	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
N-Nitrosodiphenylamine	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	810U	–	1100U	1000U	1700U
Pentachlorophenol	µg/Kg	5500U	11000U	5000U	7900U	20000U	3300U	4000U	4100U	–	5400U	5000U	8300U
Phenanthrene	µg/Kg	15,000	20,000	3,000	4,100	970J	670U	86J	1,500	–	1100U	1000U	1700U
Phenol	µg/Kg	1100U	2200U	1000UJ	1600U	1,400J	670U	790U	810U	–	1100U	1000U	1700U

TABLE I.4-2

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		1	1	1	1	2	3	4	5	5	6	7	8
Sample ID:		SDEF01	SDEF01 Dup	SDEF09	SDEF09 Dup	SDEF02	SDEF03	SDEF04	SDEF05	SDEF05 Dup	SDEF06	SDEF07	SDEF08
Sample Date:		08/14/1991	08/14/1991 Duplicate	08/21/1991	08/21/1991 Duplicate	08/14/1991	08/14/1991	08/14/1991	08/14/1991	08/14/1991 Duplicate	08/13/1991	08/13/1991	08/14/1991
Parameter	Units												
Pyrene	µg/Kg	15,000	19,000	3,600J	5,300	1,300J	670U	240J	4,300	--	1100U	1000U	1700U
Pyridine	µg/Kg	1100U	2200U	1000U	1600U	3900U	670U	790U	170J	--	1100U	1000U	1700U
TCL Pesticides/PCBs													
4,4'-DDD	µg/Kg	26U	52U	24U	38U	94U	32U	38U	62	98U	26U	24U	80U
4,4'-DDE	µg/Kg	26U	52U	24U	38U	94U	32U	38U	150	98U	26U	24U	80U
4,4'-DDT	µg/Kg	26U	52U	24U	38U	94U	32U	38U	180	110	26U	24U	80U
Aldrin	µg/Kg	13U	26U	12UJ	19U	47U	16U	19U	28	49U	13U	12U	40U
alpha-BHC	µg/Kg	13U	26U	12U	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
alpha-Chlordane	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1016 (PCB-1016)	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1221 (PCB-1221)	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1232 (PCB-1232)	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1242 (PCB-1242)	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1248 (PCB-1248)	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Aroclor-1254 (PCB-1254)	µg/Kg	260U	520U	240U	380U	940U	320U	380U	200U	980U	260U	240U	800U
Aroclor-1260 (PCB-1260)	µg/Kg	260U	520U	240U	380U	940U	320U	380U	200U	980U	260U	240U	800U
beta-BHC	µg/Kg	13U	26U	12U	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
delta-BHC	µg/Kg	13U	26U	12U	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
Dieldrin	µg/Kg	26U	52U	24UJ	38U	94U	32U	38U	20U	98U	26U	24U	80U
Endosulfan I	µg/Kg	13U	26U	12U	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
Endosulfan II	µg/Kg	26U	52U	24U	38U	94U	32U	38U	20U	98U	26U	24U	80U
Endosulfan sulfate	µg/Kg	26U	52U	24U	38U	94U	32U	38U	20U	98U	26U	24U	80U
Endrin	µg/Kg	26U	52U	24UJ	38U	94U	32U	38U	20U	98U	26U	24U	80U
Endrin ketone	µg/Kg	26U	52U	24U	38U	94U	32U	38U	30	98U	26U	24U	80U
gamma-BHC (Lindane)	µg/Kg	13U	26U	12UJ	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
gamma-Chlordane	µg/Kg	130U	260U	120U	190U	470U	160U	190U	98U	490U	130U	120U	400U
Heptachlor	µg/Kg	13U	26U	12U	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
Heptachlor epoxide	µg/Kg	13U	26U	12UJ	19U	47U	16U	19U	9.8U	49U	13U	12U	40U
Methoxychlor	µg/Kg	130U	260U	120U	190U	470U	160U	190U	170	490U	130U	120U	400U
Toxaphene	µg/Kg	260U	520U	240U	380U	940U	320U	380U	200U	980U	260U	240U	800U
TAL Inorganics													
Aluminum	mg/Kg	21,100	--	22,500	32,600	7,510	16,500	18,100	12,700	--	20,000	11,100	31,800
Antimony	mg/Kg	10U	--	9.1UJ	20.3	256	19.2	14.4U	7.4U	--	9.8U	9U	30.5U
Arsenic	mg/Kg	16.7	--	15.6	22.4	4.7	13.0	10.4	20.3	--	17.4	10.6	13.6
Barium	mg/Kg	83.4	--	92.9	114	86.5	125	118	127	--	134	49.3	221
Beryllium	mg/Kg	1.1	--	1.2	1.6	0.35U	0.93	0.76	0.83	--	0.90	0.66	2.1
Cadmium	mg/Kg	4.3	--	5.5	6.6	22.7	1.9U	4.0	3.4	--	2.4	2.2	4.8U
Calcium	mg/Kg	3,010	--	4,910	7,720	12,600	4,460	3,270	3,350	--	2,930	3,680	9,870
Chromium Total	mg/Kg	16.4	--	20.9J	28.9	11.6U	16.2	19.0	17.1	--	9.7	11.9	30.2
Cobalt	mg/Kg	12.8	--	14.4	21.6	31.6	6.5	11.3	9.7	--	8.7	8.0	5.4U
Copper	mg/Kg	37.4	--	42.6J	60.4	91.6	10.9	14.7	45.2	--	12.6	24.4	62.2
Iron	mg/Kg	40,200	--	44,200	64,500	13,500	14,200	44,700	30,100	--	21,500	21,400	15,000
Lead	mg/Kg	31.2	--	36.1J	46.0	70.1	14.6	27.2	293	--	14.7	17.6	134
Magnesium	mg/Kg	9,110	--	11,000	17,600	2,100	3,920	8,750	3,180	--	4,590	6,190	3,350
Manganese	mg/Kg	942	--	1,150J	1,370	223	192	1,590	3,070	--	506	729	175
Mercury	mg/Kg	0.13U	--	0.16U	0.25U	0.46U	0.13U	0.12U	0.35	--	0.13U	0.09U	0.55U
Nickel	mg/Kg	47.6	--	45.3J	58.1	17U	22.1	43.8	35.6	--	24.2	28.3	23.5
Potassium	mg/Kg	1,530	--	1,700	2,330	1,630	993	1,500	1,300	--	1,020	1,070	1,710
Selenium	mg/Kg	0.10	--	0.19	0.41	1.9	1.9	0.1U	1.7	--	0.52	0.24	2.4

TABLE I.4-2

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1991
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*1*	*1*	*1*	*1*	*2*	*3*	*4*	*5*	*5*	*6*	*7*	*8*
Sample ID:		*SDEF01*	*SDEF01 Dup*	*SDEF09*	*SDEF09 Dup*	*SDEF02*	*SDEF03*	*SDEF04*	*SDEF05*	*SDEF05 Dup*	*SDEF06*	*SDEF07*	*SDEF08*
Sample Date:		*08/14/1991*	*08/14/1991*	*08/21/1991*	*08/21/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/14/1991*	*08/13/1991*	*08/13/1991*	*08/14/1991*
			Duplicate		*Duplicate*					*Duplicate*			
Parameter	*Units*												
Silver	mg/Kg	1.4U	–	1.3U	2U	66.5	1.7U	2U	1U	–	1.4U	1.3U	4.2U
Sodium	mg/Kg	87.2	–	78.8	113	114	133	222	138	–	152	88.5	114
Thallium	mg/Kg	0.49U	–	0.45U	0.72U	1.7U	0.61U	0.71U	0.46	–	0.48	0.45U	1.5U
Vanadium	mg/Kg	34.7	–	37.2	53.9	102	23.9	31.6	30.0	–	28.0	18.4	49.3
Zinc	mg/Kg	128	–	114	169	80.9	60.6	100	115	–	51.5	89.6	101
Wet Chemistry													
Cyanide (total)	mg/Kg	1.6U	–	1.5U	2.4U	5.8U	2U	2.4U	1.5	–	1.6U	1.5U	9.0
pH	S.U.	6.7	–	7.1	7.1	5.7	7.3	7.2	6.1	–	6.8	7.6	5.4
Petroleum hydrocarbons	µg/Kg	16	–	13	69	29U	10U	12U	6	–	13	10	42

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
– - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.4-3

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SDII-2*	*SDII-2*	*SDII-12*
Sample ID:		*S-3698-060595-DJM-014*	*S-3698-060595-DJM-016*	*SD-3698-071295-WW-17*
Sample Date:		*06/05/1995*	*06/05/1995*	*07/12/1995*
			Duplicate	
Parameter	*Units*			
TCL Volatiles				
1,1,1-Trichloroethane	µg/kg	29UJ	31UJ	22UJ
1,1,2,2-Tetrachloroethane	µg/kg	29UJ	31UJ	22UJ
1,1,2-Trichloroethane	µg/kg	29UJ	31UJ	22UJ
1,1-Dichloroethane	µg/kg	29UJ	31UJ	22UJ
1,1-Dichloroethene	µg/kg	29UJ	31UJ	22UJ
1,2-Dichloroethane	µg/kg	29UJ	31UJ	22UJ
1,2-Dichloroethene (total)	µg/kg	29UJ	31UJ	22UJ
1,2-Dichloropropane	µg/kg	29UJ	31UJ	22UJ
2-Butanone (Methyl Ethyl Ketone)	µg/kg	29UJ	31UJ	51J
2-Hexanone	µg/kg	29UJ	31UJ	22UJ
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	29UJ	31UJ	22UJ
Acetone	µg/kg	29UJ	71J	140J
Benzene	µg/kg	29UJ	31UJ	22UJ
Bromodichloromethane	µg/kg	29UJ	31UJ	22UJ
Bromoform	µg/kg	29UJ	31UJ	22UJ
Bromomethane (Methyl Bromide)	µg/kg	29UJ	31UJ	22UJ
Carbon disulfide	µg/kg	29UJ	31UJ	22UJ
Carbon tetrachloride	µg/kg	29UJ	31UJ	22UJ
Chlorobenzene	µg/kg	29UJ	31UJ	22UJ
Chloroethane	µg/kg	29UJ	31UJ	22UJ
Chloroform (Trichloromethane)	µg/kg	29UJ	31UJ	22UJ
Chloromethane (Methyl Chloride)	µg/kg	29UJ	31UJ	22UJ
cis-1,3-Dichloropropene	µg/kg	29UJ	31UJ	22UJ
Dibromochloromethane	µg/kg	29UJ	31UJ	22UJ
Ethylbenzene	µg/kg	6J	31UJ	22UJ
Methylene chloride	µg/kg	29UJ	31UJ	22UJ
Styrene	µg/kg	29UJ	31UJ	22UJ
Tetrachloroethene	µg/kg	29UJ	31UJ	22UJ
Toluene	µg/kg	20J	140J	22UJ
trans-1,3-Dichloropropene	µg/kg	29UJ	31UJ	22UJ
Trichloroethene	µg/kg	29UJ	31UJ	22UJ
Vinyl chloride	µg/kg	29UJ	31UJ	22UJ
Xylene (total)	µg/kg	29UJ	31UJ	22UJ
TCL Semi-volatiles				
1,2,4-Trichlorobenzene	µg/kg	1400UJ	1400UJ	700UJ
1,2-Dichlorobenzene	µg/kg	1400UJ	1400UJ	700UJ
1,3-Dichlorobenzene	µg/kg	1400UJ	1400UJ	700UJ
1,4-Dichlorobenzene	µg/kg	1400UJ	1400UJ	700UJ
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	1400UJ	1400UJ	700UJ
2,4,5-Trichlorophenol	µg/kg	3500UJ	3500UJ	1700UJ
2,4,6-Trichlorophenol	µg/kg	1400UJ	1400UJ	700UJ
2,4-Dichlorophenol	µg/kg	1400UJ	1400UJ	700UJ
2,4-Dimethylphenol	µg/kg	1400UJ	1400UJ	700UJ
2,4-Dinitrophenol	µg/kg	3500UJ	3500UJ	1700UJ
2,4-Dinitrotoluene	µg/kg	1400UJ	1400UJ	700UJ

TABLE I.4-3

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SDII-2*	*SDII-2*	*SDII-12*
Sample ID:		*S-3698-060595-DJM-014*	*S-3698-060595-DJM-016*	*SD-3698-071295-WW-17*
Sample Date:		*06/05/1995*	*06/05/1995*	*07/12/1995*
			Duplicate	
Parameter	*Units*			
2,6-Dinitrotoluene	µg/kg	1400UJ	1400UJ	700UJ
2-Aminopyridine	µg/kg	1400UJ	1400UJ	700UJ
2-Chloronaphthalene	µg/kg	1400UJ	1400UJ	700UJ
2-Chlorophenol	µg/kg	1400UJ	1400UJ	700UJ
2-Methylnaphthalene	µg/kg	1400UJ	1400UJ	700UJ
2-Methylphenol	µg/kg	1400UJ	1400UJ	700UJ
2-Nitroaniline	µg/kg	3500UJ	3500UJ	1700UJ
2-Nitrophenol	µg/kg	1400UJ	1400UJ	700UJ
2-Picoline	µg/kg	1400UJ	1400UJ	700UJ
3,3'-Dichlorobenzidine	µg/kg	1400UJ	1400UJ	700UJ
3-Nitroaniline	µg/kg	3500UJ	3500UJ	1700UJ
4,6-Dinitro-2-methylphenol	µg/kg	3500UJ	3500UJ	1700UJ
4-Bromophenyl phenyl ether	µg/kg	1400UJ	1400UJ	700UJ
4-Chloro-3-methylphenol	µg/kg	1400UJ	1400UJ	700UJ
4-Chloroaniline	µg/kg	1400UJ	1400UJ	700UJ
4-Chlorophenyl phenyl ether	µg/kg	1400UJ	1400UJ	700UJ
4-Methylphenol	µg/kg	260J	630J	700UJ
4-Nitroaniline	µg/kg	3500UJ	3500UJ	1700UJ
4-Nitrophenol	µg/kg	3500UJ	3500UJ	1700UJ
Acenaphthene	µg/kg	1400UJ	1400UJ	110J
Acenaphthylene	µg/kg	1400UJ	1400UJ	700UJ
Anthracene	µg/kg	1400UJ	1400UJ	180J
Benzo(a)anthracene	µg/kg	320J	1400UJ	380J
Benzo(a)pyrene	µg/kg	330J	1400UJ	470J
Benzo(b)fluoranthene	µg/kg	350J	1400UJ	420J
Benzo(g,h,i)perylene	µg/kg	1400UJ	1400UJ	220J
Benzo(k)fluoranthene	µg/kg	340J	1400UJ	460J
bis(2-Chloroethoxy)methane	µg/kg	1400UJ	1400UJ	700UJ
bis(2-Chloroethyl)ether	µg/kg	1400UJ	1400UJ	700UJ
bis(2-Ethylhexyl)phthalate	µg/kg	1400UJ	1400UJ	700UJ
Butyl benzylphthalate	µg/kg	1400UJ	1400UJ	700UJ
Carbazole	µg/kg	1400UJ	1400UJ	700UJ
Chrysene	µg/kg	420J	1400UJ	700UJ
Dibenz(a,h)anthracene	µg/kg	1400UJ	1400UJ	130J
Dibenzofuran	µg/kg	1400UJ	1400UJ	700UJ
Diethyl phthalate	µg/kg	1400UJ	1400UJ	700UJ
Dimethyl phthalate	µg/kg	1400UJ	1400UJ	700UJ
Di-n-butylphthalate	µg/kg	1400UJ	1400UJ	700UJ
Di-n-octyl phthalate	µg/kg	1400UJ	1400UJ	700UJ
Fluoranthene	µg/kg	990J	1400UJ	970J
Fluorene	µg/kg	1400UJ	1400UJ	700UJ
Hexachlorobenzene	µg/kg	1400UJ	1400UJ	700UJ
Hexachlorobutadiene	µg/kg	1400UJ	1400UJ	700UJ
Hexachlorocyclopentadiene	µg/kg	1400UJ	1400UJ	700UJ
Hexachloroethane	µg/kg	1400UJ	1400UJ	700UJ
Indeno(1,2,3-cd)pyrene	µg/kg	1400UJ	1400UJ	220J
Isophorone	µg/kg	1400UJ	1400UJ	700UJ
Naphthalene	µg/kg	1400UJ	1400UJ	700UJ
Nitrobenzene	µg/kg	1400UJ	1400UJ	700UJ

TABLE I.4-3

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SDII-2*	*SDII-2*	*SDII-12*
Sample ID:		*S-3698-060595-DJM-014*	*S-3698-060595-DJM-016*	*SD-3698-071295-WW-17*
Sample Date:		*06/05/1995*	*06/05/1995*	*07/12/1995*
			Duplicate	
Parameter	*Units*			
N-Nitrosodi-n-propylamine	µg/kg	1400UJ	1400UJ	700UJ
N-Nitrosodiphenylamine	µg/kg	1400UJ	1400UJ	700UJ
Pentachlorophenol	µg/kg	3500UJ	3500UJ	1700UJ
Phenanthrene	µg/kg	550J	1400UJ	660J
Phenol	µg/kg	1400UJ	1400UJ	700UJ
Pyrene	µg/kg	700J	1400UJ	650J
Pyridine	µg/kg	1400UJ	1400UJ	700UJ
TCL Pesticides/PCBs				
4,4'-DDD	µg/kg	14UJ	14UJ	6.9UJ
4,4'-DDE	µg/kg	11J	14UJ	6.9UJ
4,4'-DDT	µg/kg	14UJ	14UJ	6.9UJ
Aldrin	µg/kg	7.1UJ	7.1UJ	3.5UJ
alpha-BHC	µg/kg	7.1UJ	7.1UJ	3.5UJ
alpha-Chlordane	µg/kg	7.1UJ	7.1UJ	3.5UJ
Aroclor-1016 (PCB-1016)	µg/kg	140UJ	140UJ	69UJ
Aroclor-1221 (PCB-1221)	µg/kg	280UJ	280UJ	140UJ
Aroclor-1232 (PCB-1232)	µg/kg	140UJ	140UJ	69UJ
Aroclor-1242 (PCB-1242)	µg/kg	140UJ	140UJ	69UJ
Aroclor-1248 (PCB-1248)	µg/kg	140UJ	140UJ	69UJ
Aroclor-1254 (PCB-1254)	µg/kg	140UJ	140UJ	69UJ
Aroclor-1260 (PCB-1260)	µg/kg	140UJ	140UJ	69UJ
beta-BHC	µg/kg	7.1UJ	7.1UJ	3.5UJ
delta-BHC	µg/kg	7.1UJ	7.1UJ	3.5UJ
Dieldrin	µg/kg	14UJ	14UJ	6.9UJ
Endosulfan I	µg/kg	7.1UJ	7.1UJ	3.5UJ
Endosulfan II	µg/kg	14UJ	14UJ	6.9UJ
Endosulfan sulfate	µg/kg	14UJ	14UJ	6.9UJ
Endrin	µg/kg	14UJ	14UJ	6.9UJ
Endrin aldehyde	µg/kg	14UJ	14UJ	6.9UJ
Endrin ketone	µg/kg	14UJ	14UJ	6.9UJ
gamma-BHC (Lindane)	µg/kg	7.1UJ	7.1UJ	3.5UJ
gamma-Chlordane	µg/kg	7.1UJ	7.1UJ	3.5UJ
Heptachlor	µg/kg	7.1UJ	7.1UJ	3.5UJ
Heptachlor epoxide	µg/kg	7.1UJ	7.1UJ	3.5UJ
Methoxychlor	µg/kg	71UJ	71UJ	35UJ
Toxaphene	µg/kg	710UJ	710UJ	350UJ
TAL Inorganics				
Aluminum	mg/kg	12300J	10600J	10100J
Antimony	mg/kg	1.9UJ	2.4UJ	1.2UJ
Arsenic	mg/kg	2.5J	2.9J	2.3J
Barium	mg/kg	77.3J	85.8J	79.9J
Beryllium	mg/kg	0.24UJ	0.3UJ	0.48UJ
Cadmium	mg/kg	0.32UJ	0.39UJ	0.45UJ
Calcium	mg/kg	8540J	9630J	3520J
Chromium Total	mg/kg	16.7J	12.8J	11.7J

TABLE I.4-3

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING - 1995
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SDII-2*	*SDII-2*	*SDII-12*
Sample ID:		*S-3698-060595-DJM-014*	*S-3698-060595-DJM-016*	*SD-3698-071295-WW-17*
Sample Date:		*06/05/1995*	*06/05/1995*	*07/12/1995*
			Duplicate	
Parameter	*Units*			
Cobalt	mg/kg	6.6J	4.6J	10.6J
Copper	mg/kg	24.2J	30.2J	154J
Cyanide (total)	mg/kg	1.5UJ	1.5UJ	1.8UJ
Iron	mg/kg	20600J	14700J	23000J
Lead	mg/kg	48.0J	53.6J	25.1J
Magnesium	mg/kg	5370J	3790J	4120J
Manganese	mg/kg	184J	143J	990J
Mercury	mg/kg	0.27J	0.33J	0.14J
Nickel	mg/kg	20.0J	15.3J	20.4J
Potassium	mg/kg	509J	741J	961J
Selenium	mg/kg	1.5UJ	1.9UJ	0.99UJ
Silver	mg/kg	0.73UJ	0.89UJ	0.47UJ
Sodium	mg/kg	288UJ	348UJ	310UJ
Thallium	mg/kg	1.9UJ	2.4UJ	1.2UJ
Vanadium	mg/kg	22.4J	21.2J	16.7J
Zinc	mg/kg	122J	113J	104J
Wet Chemistry				
Total Organic Carbon (TOC)	mg/kg	133000J	132000J	34300J
Total Solids	%	33.2	33.4	44.4

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-01*	*SE-02*	*SE-03*	*SE-04*	*SE-05*	*SE-06*	*SE-07*	*SE-08*	*SE-09*	*SE-10*	*SE-11*	*SE-12*	*SE-13*	*SE-14*	*SE-15*	*SE-16*	*SE-17*	*SE-17*
Sample ID:		*AE00722*	*AE00723*	*AE00724*	*AE00725*	*AE00726*	*AE00727*	*AE00728*	*AE00729*	*AE00730*	*AE00731*	*AE00732*	*AE00733*	*AE00734*	*AE00785*	*AE00786*	*AE00787*	*AE00788*	*AE00797*
Sample Date:		*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*
																			Duplicate
Parameter	*Units*																		
TCL Volatiles																			
1,1,1-Trichloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,1,2,2-Tetrachloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,1,2-Trichloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,1-Dichloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,1-Dichloroethene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2,4-Trichlorobenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2-Dibromo-3-chloropropane (DBCP)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2-Dibromoethane (Ethylene Dibromide)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2-Dichlorobenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2-Dichloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,2-Dichloropropane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,3-Dichlorobenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
1,4-Dichlorobenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
2-Butanone (Methyl Ethyl Ketone)	ppb	15U	17U	16U	12U	110J	23U	21	13U	110J	19U	14U	12U	150J	14U	10U	11U	11U	14U
2-Hexanone	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Acetone	ppb	15U	17U	16U	12U	310J	47U	53	13U	260J	19U	15U	12U	370J	14U	10U	11U	11U	14U
Benzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Bromodichloromethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Bromoform	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Bromomethane (Methyl Bromide)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Carbon disulfide	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Carbon tetrachloride	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Chlorobenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Chloroethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Chloroform (Trichloromethane)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Chloromethane (Methyl Chloride)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
cis-1,2-Dichloroethene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
cis-1,3-Dichloropropene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Cyclohexane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Dibromochloromethane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Dichlorodifluoromethane (CFC-12)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Ethylbenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Isopropylbenzene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Methyl acetate	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Methyl Chloride	ppb	15U	17U	16U	12U	39U	23U	15U	13U	47U	19U	14U	12U	48U	16U	13U	15U	16U	14U
Methyl cyclohexane	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Methyl Tert Butyl Ether	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Styrene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Tetrachloroethene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Toluene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
trans-1,2-Dichloroethene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
trans-1,3-Dichloropropene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Trichloroethene	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Trichlorofluoromethane (CFC-11)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Trifluorotrichloroethane (Freon 113)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Vinyl chloride	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U
Xylene (total)	ppb	15U	17U	16U	12U	39U	23U	14U	13U	47U	19U	14U	12U	48U	14U	10U	11U	11U	14U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-01*	*SE-02*	*SE-03*	*SE-04*	*SE-05*	*SE-06*	*SE-07*	*SE-08*	*SE-09*	*SE-10*	*SE-11*	*SE-12*	*SE-13*	*SE-14*	*SE-15*	*SE-16*	*SE-17*	*SE-17*
Sample ID:		*AE00722*	*AE00723*	*AE00724*	*AE00725*	*AE00726*	*AE00727*	*AE00728*	*AE00729*	*AE00730*	*AE00731*	*AE00732*	*AE00733*	*AE00734*	*AE00785*	*AE00786*	*AE00787*	*AE00788*	*AE00797*
Sample Date:		*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*
Parameter	*Units*																		*Duplicate*
TCL Semi-volatiles																			
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,4,5-Trichlorophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,4,6-Trichlorophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,4-Dichlorophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,4-Dimethylphenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,4-Dinitrophenol	ppb	2300U	6100U	5200U	2500U	9900U	3000U	2500U	2600U	7900U	3000U	3000U	3000U	9400U	2700U	2700U	2400U	2500U	2600U
2,4-Dinitrotoluene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2,6-Dinitrotoluene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Aminopyridine	ppb	230U	610U	520U	250U	990U	300U	250U	260U	790U	300U	300U	300U	940U	270U	270U	240U	250U	260U
2-Chloronaphthalene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Chlorophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Methylnaphthalene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Methylphenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Nitroaniline	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Nitrophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
2-Picoline	ppb	230U	610U	520U	250U	990U	300U	250U	260U	790U	300U	300U	300U	940U	270U	270U	240U	250U	260U
3,3'-Dichlorobenzidine	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
3-Nitroaniline	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4,6-Dinitro-2-methylphenol	ppb	1200U	3000U	2600U	1200U	5000U	1500U	1300U	1300U	4000U	1500U	1500U	1500U	4700U	1300U	1400U	1200U	1200U	1300U
4-Bromophenyl phenyl ether	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4-Chloro-3-methylphenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4-Chloroaniline	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4-Chlorophenyl phenyl ether	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4-Methylphenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
4-Nitroaniline	ppb	1200U	3000U	2600U	1200U	5000U	1500U	1300U	1300U	4000U	1500U	1500U	1500U	4700U	1300U	1400U	1200U	1200U	1300U
4-Nitrophenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Acenaphthene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Acenapthylene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Acetophenone	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Anthracene	ppb	470U	410J	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	200J	500U	520U
Atrazine	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Benzaldehyde	ppb	470U	500J	1000U	490U	1100J	590U	510U	510U	1200J	190J	600U	600U	1900J	540U	540U	470U	500U	520U
Benzo(a)anthracene	ppb	260J	1400	1000U	490U	510J	590U	510U	510U	530J	600U	170J	600U	550J	540U	540U	370J	500U	520U
Benzo(a)pyrene	ppb	250J	1600	1000U	490U	520J	590U	510U	510U	530J	600U	600U	600U	550J	540U	540U	320J	500U	520U
Benzo(b)fluoranthene	ppb	300J	1900	1000U	490U	700J	590U	510U	510U	720J	600U	180J	600U	800J	540U	540U	360J	500U	520U
Benzo(g,h,i)perylene	ppb	160J	840J	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	180J	500U	520U
Benzo(k)fluoranthene	ppb	470U	760J	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	140J	500U	520U
Biphenyl	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
bis(2-Chloroethoxy)methane	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
bis(2-Chloroethyl)ether	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
bis(2-Ethylhexyl)phthalate	ppb	470U	1200U	1000U	490U	2000U	590U	270J	510U	1600U	2300	600U	600U	1900U	540U	540U	470U	500U	520U
Butyl benzylphthalate	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Caprolactam	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Carbazole	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Chrysene	ppb	290J	1700	1000U	490U	610J	590U	510U	510U	650J	600U	170J	600U	660J	540U	540U	460J	500U	520U
Dibenz(a,h)anthracene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Dibenzofuran	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Diethyl phthalate	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Dimethyl phthalate	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Di-n-butylphthalate	ppb	190J	710J	880J	490U	2000U	590U	350J	210J	1600U	310J	250J	600U	1900U	540U	540U	470U	500U	150J
Di-n-octyl phthalate	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		SE-01	SE-02	SE-03	SE-04	SE-05	SE-06	SE-07	SE-08	SE-09	SE-10	SE-11	SE-12	SE-13	SE-14	SE-15	SE-16	SE-17	SE-17
Sample ID:		AE00722	AE00723	AE00724	AE00725	AE00726	AE00727	AE00728	AE00729	AE00730	AE00731	AE00732	AE00733	AE00734	AE00785	AE00786	AE00787	AE00788	AE00797
Sample Date:		05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/14/2003	05/16/2003	05/16/2003	05/16/2003	05/16/2003	05/16/2003
																			Duplicate
Parameter	Units																		
Fluoranthene	ppb	670	3400	370J	490U	1100J	590U	180J	510U	1200J	600U	290J	600U	1200J	540U	540U	1100	500U	520U
Fluorene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Hexachlorobenzene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Hexachlorobutadiene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Hexachlorocyclopentadiene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Hexachloroethane	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Indeno(1,2,3-cd)pyrene	ppb	160J	930J	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	170J	500U	520U
Isophorone	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Naphthalene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Nitrobenzene	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
N-Nitrosodi-n-propylamine	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
N-Nitrosodiphenylamine	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Pentachlorophenol	ppb	1200U	3000U	2600U	1200U	5000U	1500U	1300U	1300U	4000U	1500U	1500U	1500U	4700U	1300U	1400U	1200U	1200U	1300U
Phenanthrene	ppb	400J	1800	1000U	490U	550J	590U	510U	510U	610J	600U	600U	600U	600J	540U	540U	1100	500U	520U
Phenol	ppb	470U	1200U	1000U	490U	2000U	590U	510U	510U	1600U	600U	600U	600U	1900U	540U	540U	470U	500U	520U
Pyrene	ppb	570J	3100	320J	490U	1000J	590U	140J	510U	1100J	600U	240J	600U	1100J	540U	540U	1000	500U	520U
Pyridine	ppb	230U	610U	520U	250U	990U	300U	250U	260U	790U	300U	300U	300U	940U	270U	270U	240U	250U	260U
TIC Semi-volatiles																			
Cyclhexeneb, 1-Methyl-4-(1-M	ppb	14J	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hexadecane A	ppb	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hexadecanoic Acid	ppb	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hexadecanoic Acid A	ppb	–	9000J	–	590J	–	–	720J	620J	6300J	1200J	800J	–	–	–	–	400J	690J	830J
Pinene A	ppb	21J	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Propionic Acid A	ppb	700J	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sulfur A	ppb	–	13000J	21000J	3800J	–	9400J	4400J	560J	–	3200J	6300J	650J	–	–	–	–	1500J	1200J
Tricosane A	ppb	–	–	–	–	–	–	–	–	–	700J	–	–	–	–	440J	–	–	–
Unidentified compounds-base neutrals	ppb	1300J	7400J	6200J	1100J	13000J	1900J	1200J	5800J	36000J	1800J	2600J	1900J	51000J	3700J	3900J	620J	1000J	1100J
Unidentified compounds-volatiles	ppb	–	–	–	–	–	–	5400J	–	–	–	–	–	–	–	–	–	–	–
TCL Pesticides/PCBs																			
4,4'-DDD	ppb	3.0U	12U	19	3.0U	12U	4.0U	3.0U	6.8	21	6.0U	14	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
4,4'-DDE	ppb	3.0U	40	14	3.0U	12U	4.0U	3.0U	4.0U	20	6.0U	13	4.0U	18	3.0U	3.0U	3.0U	3.0U	3.0U
4,4'-DDT	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
Aldrin	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
alpha-BHC	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
alpha-Chlordane	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Aroclor-1016 (PCB-1016)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
Aroclor-1221 (PCB-1221)	ppb	46U	180U	81U	44U	180U	53U	49U	57U	150U	85U	72U	56U	170U	45U	50U	45U	45U	45U
Aroclor-1232 (PCB-1232)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
Aroclor-1242 (PCB-1242)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
Aroclor-1248 (PCB-1248)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
Aroclor-1254 (PCB-1254)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
Aroclor-1260 (PCB-1260)	ppb	19U	74U	34U	18U	74U	22U	20U	24U	64U	35U	30U	23U	70U	19U	21U	19U	19U	19U
beta-BHC	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Chlordane	ppb	38U	150U	67U	37U	150U	44U	41U	47U	130U	71U	60U	46U	140U	37U	41U	38U	38U	38U
delta-BHC	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Dieldrin	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
Endosulfan I	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Endosulfan II	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
Endosulfan sulfate	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-01*	*SE-02*	*SE-03*	*SE-04*	*SE-05*	*SE-06*	*SE-07*	*SE-08*	*SE-09*	*SE-10*	*SE-11*	*SE-12*	*SE-13*	*SE-14*	*SE-15*	*SE-16*	*SE-17*	*SE-17*
Sample ID:		*AE00722*	*AE00723*	*AE00724*	*AE00725*	*AE00726*	*AE00727*	*AE00728*	*AE00729*	*AE00730*	*AE00731*	*AE00732*	*AE00733*	*AE00734*	*AE00785*	*AE00786*	*AE00787*	*AE00788*	*AE00797*
Sample Date:		*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003* *Duplicate*
Parameter	*Units*																		
Endrin	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
Endrin aldehyde	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
Endrin ketone	ppb	3.0U	12U	5.0U	3.0U	12U	4.0U	3.0U	4.0U	10U	6.0U	5.0U	4.0U	11U	3.0U	3.0U	3.0U	3.0U	3.0U
gamma-BHC (Lindane)	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
gamma-Chlordane	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
gamma-Chlordene	ppb	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Heptachlor epoxide	ppb	2.0U	6.0U	3.0U	2.0U	6.0U	2.0U	2.0U	2.0U	5.0U	3.0U	2.0U	2.0U	6.0U	1.0U	2.0U	2.0U	2.0U	2.0U
Methoxychlor	ppb	15U	59U	27U	15U	59U	18U	16U	19U	51U	28U	24U	19U	56U	15U	17U	15U	15U	15U
Toxaphene	ppb	38U	150U	67U	37U	150U	44U	41U	47U	130U	71U	60U	46U	140U	37U	41U	38U	38U	38U
TAL Inorganics																			
Aluminum	ppm	13400J	13100J	13100J	17400J	17400J	12800J	17400J	11200J	19000J	14600J	13900J	13600J	19400J	12300J	11000J	11600J	14100J	17200
Antimony	ppm	14U	36.3U	23.2U	13.5U	53.8U	16.6U	14.5U	15.6U	43.3U	24.4U	18.1U	15.8U	48.3U	15.4U	16.0U	13.5U	14.0U	4.5J
Arsenic	ppm	5.4	4.7J	2.6J	7.1	2.6J	2.5J	7.2	2.5J	3.8J	3.6J	3.1J	4.0U	2.5J	3.4J	0.4J	2.6J	0.53J	3.7U
Barium	ppm	95	77.4J	79	51	157J	60.6	59.1	51.4J	152J	98.1J	46.0J	49.3J	169J	82.9	49.1J	49.7	53.5	65.7
Beryllium	ppm	0.6J	0.6J	0.57J	0.78J	0.74J	0.53J	0.79J	0.50J	0.76J	0.8J	0.55J	0.54J	0.78J	0.5J	0.47J	0.48J	0.60J	0.68J
Cadmium	ppm	0.23J	0.29J	1.9U	0.41J	0.53J	0.11J	0.22J	0.09J	0.50J	0.15J	0.11J	0.06J	0.53J	0.12J	0.07J	0.12J	0.11J	0.54J
Calcium	ppm	2380	5610J	3230	1150	6840J	3530	1700	5880	5910J	6560J	5430	2030	7380J	2060	2170	1720	1920	2390
Chromium Total	ppm	19.0J	18.3J	17.3J	25.6J	23.8J	17.3J	22.6J	15.5J	24.7J	19.6J	18.2J	19.1J	25.7J	16.7J	15.5J	15.3J	20.2J	22.7
Cobalt	ppm	11.4J	11.6J	8.2J	14.0J	12.8J	9.4J	14.5J	8.7J	12.5J	10.8J	9.3J	8.5J	14.0J	9.2J	7.1J	8.4J	9.9J	9.4J
Copper	ppm	18.1	433J	310	237	70.5J	159	44.1	66	457J	462J	685	3.5	72.0J	14.5	11.1	10.4	19.8	20.8
Cyanide (total)	ppm	0.34J	0.72J	0.25J	0.99J	1.4J	1.1J	0.36J	0.29J	0.90J	0.55J	0.4J	0.37J	1.2J	0.35J	0.32J	0.28J	0.28J	0.49J
Iron	ppm	32900	22500J	18000	39700	26100J	19200	30400	19200	25500J	20300J	23900	1900	27900J	25300	17500	25700	23700	28400
Lead	ppm	16	27.5J	17.3	20.7	44.5J	16.1	21.7	13.4	42.6J	26.6J	15.7	11.8	46.1J	20.3	11.9	19	14.6	12.7
Magnesium	ppm	6850	4460J	4020	8440	4250J	5010	7390	5520	4660J	4160J	6340	5280	4550J	5990	4830	5680	6610	7470
Manganese	ppm	1410	473J	488	544	1700J	329	500	449	1080J	549J	326	282	1850J	492	320	539	382	473
Mercury	ppm	0.13U	0.30U	0.20U	0.12U	0.43U	0.13U	0.12U	0.14U	0.41U	0.2U	0.15U	0.14U	0.46U	0.14U	0.14U	0.11U	0.12U	0.04J
Nickel	ppm	24.0J	21.8J	18.5J	31.1J	25.2J	20.2J	32.2J	19.7J	24.0J	19.7J	30.9J	20.5J	23.6J	21.1J	17.9J	20.8J	25.3J	26.6
Potassium	ppm	1590J	1880J	1540J	1910J	1910J	1660J	2060J	1810J	2320J	1850J	1590	1700J	2210J	1600J	1510J	1380J	1990J	2340J
Selenium	ppm	8.2U	21.2U	13.5U	2.3J	31.4U	9.7U	8.4U	9.1U	25.3U	14.2U	10.6U	9.2U	28.2U	9.0U	9.4U	7.9U	8.2U	8.6U
Silver	ppm	0.14J	6.0U	0.15J	2.2U	0.31J	2.8U	2.4U	2.6U	0.26J	4.1U	3.0U	2.6U	0.44J	2.6U	0.08J	0.08J	2.3U	2.5U
Sodium	ppm	73.7J	325J	201J	71.7J	394J	134J	109J	123J	367J	209J	133J	105J	442J	110J	112J	81.2J	107J	111J
Thallium	ppm	1.9J	15.1U	9.7U	5.6U	22.4U	6.9U	0.53J	6.5U	18.1U	10.2U	7.5U	0.48J	20.1U	0.57J	6.7U	0.65J	5.8U	1.5J
Vanadium	ppm	21.1J	22.1J	19.4J	25.6J	27.5J	19.1J	23.5J	17.4J	29.9J	23J	21.1J	20.4J	30.4J	18.8J	17.0J	17.7J	20.2J	25.3
Zinc	ppm	62.4J	114J	78.6J	69.8J	162J	61.2J	80.3J	51.5J	151J	75.8J	82.5J	54.7J	166J	81.5J	52.2J	62.9J	64.6J	79.2

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-18*	*SE-19*	*SE-20*	*SE-21*	*SE-22*	*SE-23*	*SE-24*	*SE-25*	*SE-27*
Sample ID:		*AE00789*	*AE00790*	*AE00791*	*AE00792*	*AE00793*	*AE00794*	*SE-24*	*SE-25*	*SE-27*
Sample Date:		*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*
Parameter	*Units*									
TCL Volatiles										
1,1,1-Trichloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,1,2,2-Tetrachloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,1,2-Trichloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,1-Dichloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,1-Dichloroethene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2,4-Trichlorobenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2-Dibromo-3-chloropropane (DBCP)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2-Dibromoethane (Ethylene Dibromide)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2-Dichlorobenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2-Dichloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,2-Dichloropropane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,3-Dichlorobenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
1,4-Dichlorobenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
2-Butanone (Methyl Ethyl Ketone)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
2-Hexanone	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Acetone	ppb	21U	17U	20U	12U	10U	11U	12U	14U	14U
Benzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Bromodichloromethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Bromoform	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Bromomethane (Methyl Bromide)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Carbon disulfide	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Carbon tetrachloride	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Chlorobenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Chloroethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Chloroform (Trichloromethane)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Chloromethane (Methyl Chloride)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
cis-1,2-Dichloroethene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
cis-1,3-Dichloropropene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Cyclohexane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Dibromochloromethane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Dichlorodifluoromethane (CFC-12)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Ethylbenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Isopropylbenzene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Methyl acetate	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Methyl Chloride	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Methyl cyclohexane	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Methyl Tert Butyl Ether	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Styrene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Tetrachloroethene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Toluene	ppb	3J	17U	20U	12U	10U	11U	12U	14U	14U
trans-1,2-Dichloroethene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
trans-1,3-Dichloropropene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Trichloroethene	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Trichlorofluoromethane (CFC-11)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Trifluorotrichloroethane (Freon 113)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Vinyl chloride	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U
Xylene (total)	ppb	18U	17U	20U	12U	10U	11U	12U	14U	14U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-18*	*SE-19*	*SE-20*	*SE-21*	*SE-22*	*SE-23*	*SE-24*	*SE-25*	*SE-27*
Sample ID:		*AE00789*	*AE00790*	*AE00791*	*AE00792*	*AE00793*	*AE00794*	*SE-24*	*SE-25*	*SE-27*
Sample Date:		*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*
Parameter	*Units*									
TCL Semi-volatiles										
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,4,5-Trichlorophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,4,6-Trichlorophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,4-Dichlorophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,4-Dimethylphenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,4-Dinitrophenol	ppb	3200U	4900U	4200U	2400U	2400U	2500U	2700U	3200U	3200U
2,4-Dinitrotoluene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2,6-Dinitrotoluene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Aminopyridine	ppb	320U	490U	420U	240U	240U	250U	270U	320U	320U
2-Chloronaphthalene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Chlorophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Methylnaphthalene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Methylphenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Nitroaniline	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Nitrophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
2-Picoline	ppb	320U	490U	420U	240U	240U	250U	270U	320U	320U
3,3'-Dichlorobenzidine	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
3-Nitroaniline	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4,6-Dinitro-2-methylphenol	ppb	1600U	2400U	2100U	1200U	1200U	1300U	1400U	1600U	1600U
4-Bromophenyl phenyl ether	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4-Chloro-3-methylphenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4-Chloroaniline	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4-Chlorophenyl phenyl ether	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4-Methylphenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
4-Nitroaniline	ppb	1600U	2400U	2100U	1200U	1200U	1300U	1400U	1600U	1600U
4-Nitrophenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Acenaphthene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Acenapthylene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Acetophenone	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Anthracene	ppb	650U	980U	850U	480U	480U	160J	550U	630U	650U
Atrazine	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Benzaldehyde	ppb	650U	980U	850U	480U	480U	500U	550U	630U	210J
Benzo(a)anthracene	ppb	650U	980U	850U	120J	480U	390J	550U	630U	650U
Benzo(a)pyrene	ppb	650U	980U	850U	480U	480U	350J	550U	630U	650U
Benzo(b)fluoranthene	ppb	650U	980U	270J	130J	480U	410J	550U	630U	650U
Benzo(g,h,i)perylene	ppb	650U	980U	850U	480U	480U	190U	550U	630U	650U
Benzo(k)fluoranthene	ppb	650U	980U	850U	480U	480U	170J	550U	630U	650U
Biphenyl	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
bis(2-Chloroethoxy)methane	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
bis(2-Chloroethyl)ether	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
bis(2-Ethylhexyl)phthalate	ppb	650U	980U	850U	480U	480U	500U	160J	630U	650U
Butyl benzylphthalate	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Caprolactam	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Carbazole	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Chrysene	ppb	650U	980U	230J	140J	480U	420J	550U	630U	650U
Dibenz(a,h)anthracene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Dibenzofuran	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Diethyl phthalate	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Dimethyl phthalate	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Di-n-butylphthalate	ppb	650U	980U	850U	480U	480U	600	1100	180J	360J
Di-n-octyl phthalate	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-18*	*SE-19*	*SE-20*	*SE-21*	*SE-22*	*SE-23*	*SE-24*	*SE-25*	*SE-27*
Sample ID:		*AE00789*	*AE00790*	*AE00791*	*AE00792*	*AE00793*	*AE00794*	*SE-24*	*SE-25*	*SE-27*
Sample Date:		*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*
Parameter	*Units*									
Fluoranthene	ppb	650U	310J	400J	280J	480U	920	550U	630U	650U
Fluorene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Hexachlorobenzene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Hexachlorobutadiene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Hexachlorocyclopentadiene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Hexachloroethane	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Indeno(1,2,3-cd)pyrene	ppb	650U	980U	850U	480U	480U	200J	550U	630U	650U
Isophorone	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Naphthalene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Nitrobenzene	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
N-Nitrosodi-n-propylamine	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
N-Nitrosodiphenylamine	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Pentachlorophenol	ppb	1600U	2400U	2100U	1200U	1200U	1300U	1400U	1600U	1600U
Phenanthrene	ppb	650U	980U	850U	140J	480U	530	550U	630U	650U
Phenol	ppb	650U	980U	850U	480U	480U	500U	550U	630U	650U
Pyrene	ppb	650U	270J	370J	230J	480U	760	550U	630U	650U
Pyridine	ppb	320U	490U	420U	240U	240U	250U	270U	320U	320U
TIC Semi-volatiles										
Cyclhexeneb, 1-Methyl-4-(1-M	ppb	–	–	–	–	–	–	–	–	–
Hexadecane A	ppb	–	–	1000J	–	–	–	–	–	–
Hexadecanoic Acid	ppb	–	–	–	–	–	–	1700J	1700J	1600J
Hexadecanoic Acid A	ppb	540J	2800J	2900J	390J	560J	470J	–	–	–
Pinene A	ppb	–	–	–	–	–	–	–	–	–
Propionic Acid A	ppb	–	–	–	–	–	–	–	–	–
Sulfur A	ppb	1100J	–	–	–	280J	–	–	–	1000J
Tricosane A	ppb	–	810J	–	–	–	450J	640J	1300J	1100J
Unidentified compounds-base neutrals	ppb	1000J	1800J	1700J	2200J	370J	20000J	7500J	7600J	2400J
Unidentified compounds-volatiles	ppb	–	–	–	–	–	–	–	–	–
TCL Pesticides/PCBs										
4,4'-DDD	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	8.4
4,4'-DDE	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
4,4'-DDT	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
Aldrin	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
alpha-BHC	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
alpha-Chlordane	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
Aroclor-1016 (PCB-1016)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
Aroclor-1221 (PCB-1221)	ppb	82U	78U	70U	50U	43U	47U	49U	62U	60U
Aroclor-1232 (PCB-1232)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
Aroclor-1242 (PCB-1242)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
Aroclor-1248 (PCB-1248)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
Aroclor-1254 (PCB-1254)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
Aroclor-1260 (PCB-1260)	ppb	34U	33U	29U	21U	18U	20U	20U	26U	25U
beta-BHC	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	–	2U	2U
Chlordane	ppb	68U	65U	59U	41U	36U	39U	41U	52U	50U
delta-BHC	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
Dieldrin	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
Endosulfan I	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
Endosulfan II	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
Endosulfan sulfate	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U

TABLE I.4-4

ANALYTICAL RESULTS SUMMARY
EPA SEDIMETN SAMPLING 2003
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*SE-18*	*SE-19*	*SE-20*	*SE-21*	*SE-22*	*SE-23*	*SE-24*	*SE-25*	*SE-27*
Sample ID:		*AE00789*	*AE00790*	*AE00791*	*AE00792*	*AE00793*	*AE00794*	*SE-24*	*SE-25*	*SE-27*
Sample Date:		*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/16/2003*	*05/14/2003*	*05/14/2003*	*05/14/2003*
Parameter	*Units*									
Endrin	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
Endrin aldehyde	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
Endrin ketone	ppb	5.0U	5.0U	5.0U	3.0U	3.0U	3.0U	3U	4U	4U
gamma-BHC (Lindane)	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
gamma-Chlordane	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	--	--	--
gamma-Chlordene	ppb	--	--	--	--	--	--	2U	2U	2U
Heptachlor	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
Heptachlor epoxide	ppb	3.0U	3.0U	2.0U	2.0U	1.0U	2.0U	2U	2U	2U
Methoxychlor	ppb	27U	26U	23U	17U	14U	16U	16U	21U	20U
Toxaphene	ppb	68U	65U	59U	41U	36U	39U	41U	52U	50U
TAL Inorganics										
Aluminum	ppm	14400	18600	17400	12800	14100	14100	11500	15700	14200
Antimony	ppm	4.6J	5.1J	3.8J	3.2J	4.1J	3.8J	2.9J	3.2J	3.1J
Arsenic	ppm	2.3J	4.3J	6.1	1.1J	3.8	2.6J	1.8J	0.95J	4.6U
Barium	ppm	87.4	119	122	36.2J	38.0J	50	55.8	72.7	69.1
Beryllium	ppm	0.55J	0.74J	0.72J	0.51J	0.62J	0.59J	0.43J	0.65J	0.54J
Cadmium	ppm	0.4J	0.61J	0.71J	0.40J	0.49J	0.45J	0.38J	0.55J	0.46J
Calcium	ppm	3040	4210	3720	2060	3670	2330	2210	2940	2230
Chromium Total	ppm	19.2	23.2	22.2	17.8	19.4	19	15.8	21	18.6
Cobalt	ppm	7.8J	9.6J	9.9J	7.9J	8.8J	7.7J	5.9J	8.8J	6.9J
Copper	ppm	11.2	14	14.7	14	20.6	17.8	11.4	15.5	10.9
Cyanide (total)	ppm	0.38J	0.75J	0.58J	0.30J	0.33J	0.38J	0.35J	0.48J	0.6J
Iron	ppm	17400	20000	23500	19500	24400	21800	16000	20000	16600
Lead	ppm	14.3	26	30.6	8.1	10.1	10.2	10.6	12.1	10.9
Magnesium	ppm	4090	4150	4110	5970	6870	5170	4290	5360	4500
Manganese	ppm	815	885	1420	181	272	207	458	312	249
Mercury	ppm	0.15U	0.13J	0.11J	0.04J	0.12U	0.12U	0.06J	0.047J	0.06J
Nickel	ppm	16.9	19.1	19.1	21.5	23.9	21	15.5	21.4	17.6
Potassium	ppm	1840J	2250J	1850J	1770J	2090J	1880J	1730J	2120J	1770J
Selenium	ppm	10.5U	13.2U	12.9U	8.3U	8.1U	8.3U	9.3U	11.4U	10.8U
Silver	ppm	3.0U	3.8U	3.7U	2.4U	2.3U	2.4U	2.7U	3.3U	3.1U
Sodium	ppm	212J	284J	158J	78.4J	133J	155J	107J	114J	146J
Thallium	ppm	2.2J	2.6J	2.9J	1.1J	1.3J	0.98J	1.2J	0.98J	1.1J
Vanadium	ppm	20.7	29.4	27.1	19.6	23.5	21.7	18.3	23.9	21.4
Zinc	ppm	71.6	85.2	110	55.6	60.9	65.6	49.6	82.7	70.8

Notes:

J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit.
The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

APPENDIX I.5

DRUM AND TANKER

TABLE I.5-1

ANALYTICAL RESULTS SUMMARY FOR DRUM SAMPLES
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*D001*	*D001*	*D002*	*D003*
Sample ID:		*EFD01*	*EFD04*	*EFD02*	*EFD03*
Sample Date:		*12/05/1991*	*12/05/1991* *Duplicate*	*12/05/1991*	*12/05/1991*
Parameter	*Units*				
TLC Volatiles					
1,1,1-Trichloroethane	µg/kg	5UJ	5UJ	11U	11UJ
1,1,2,2-Tetrachloroethane	µg/kg	5UJ	5UJ	11U	11UJ
1,1,2-Trichloroethane	µg/kg	5UJ	5UJ	11U	11UJ
1,1-Dichloroethane	µg/kg	5U	5UJ	11U	11UJ
1,1-Dichloroethene	µg/kg	5U	5UJ	11U	11UJ
1,2-Dichloroethane	µg/kg	5U	5UJ	11U	11UJ
1,2-Dichloroethene (total)	µg/kg	5U	5UJ	11U	11UJ
1,2-Dichloropropane	µg/kg	5UJ	5UJ	11U	11UJ
2-Butanone (Methyl Ethyl Ketone)	µg/kg	10U	10U	21U	21U
2-Hexanone	µg/kg	10UJ	10UJ	21U	26J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	10UJ	10UJ	21U	21UJ
Acetone	µg/kg	25J	230J	21U	160J
Benzene	µg/kg	5UJ	5UJ	11U	23J
Bromodichloromethane	µg/kg	5UJ	5UJ	11U	11UJ
Bromoform	µg/kg	5UJ	5UJ	11U	11UJ
Bromomethane (Methyl Bromide)	µg/kg	10U	10UJ	21U	21UJ
Carbon disulfide	µg/kg	5U	5UJ	11U	11UJ
Carbon tetrachloride	µg/kg	5UJ	5UJ	11U	11UJ
Chlorobenzene	µg/kg	5UJ	5UJ	11U	19J
Chloroethane	µg/kg	10U	10UJ	21U	21UJ
Chloroform (Trichloromethane)	µg/kg	5U	5UJ	11U	11UJ
Chloromethane (Methyl Chloride)	µg/kg	10U	10UJ	21U	21UJ
cis-1,3-Dichloropropene	µg/kg	5UJ	5UJ	11U	11UJ
Dibromochloromethane	µg/kg	5UJ	5UJ	11U	11UJ
Ethylbenzene	µg/kg	5UJ	5UJ	11U	11UJ
Methylene chloride	µg/kg	5U	5UJ	11U	11UJ
Styrene	µg/kg	5UJ	5UJ	11U	11UJ
Tetrachloroethene	µg/kg	5UJ	5UJ	11U	11UJ
Toluene	µg/kg	5UJ	5UJ	11U	240J
trans-1,3-Dichloropropene	µg/kg	5UJ	5UJ	11U	11UJ
Trichloroethene	µg/kg	5UJ	5UJ	11U	11UJ
Vinyl acetate	µg/kg	10UJ	10UJ	21U	21UJ
Vinyl chloride	µg/kg	10U	10UJ	21U	21UJ
Xylene (total)	µg/kg	60J	90J	11U	130J
TCL Semi-Volatiles					
1,2,4-Trichlorobenzene	µg/kg	700U	690U	1400U	1300U
1,2-Dichlorobenzene	µg/kg	700U	690U	1400U	1300U
1,3-Dichlorobenzene	µg/kg	700U	690U	1400U	1300U
1,4-Dichlorobenzene	µg/kg	700U	690U	1400U	1300U
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	700U	690U	1400U	1300U
2,4,5-Trichlorophenol	µg/kg	3500U	3500U	7200U	6500U
2,4,6-Trichlorophenol	µg/kg	700U	690U	1400U	1300U
2,4-Dichlorophenol	µg/kg	700U	690U	1400U	1300U
2,4-Dimethylphenol	µg/kg	700U	690U	1400U	1300U
2,4-Dinitrophenol	µg/kg	3500U	3500U	7200U	6500U
2,4-Dinitrotoluene	µg/kg	700U	690U	1400U	1300U
2,6-Dinitrotoluene	µg/kg	700U	690U	1400U	1300U
2-Aminopyridine	µg/kg	700U	980	1400U	1300U
2-Chloronaphthalene	µg/kg	700U	690U	1400U	1300U
2-Chlorophenol	µg/kg	700U	690U	1400U	1300U
2-Methylnaphthalene	µg/kg	700U	690U	1400U	1300U
2-Methylphenol	µg/kg	700U	690U	1400U	1300U
2-Nitroaniline	µg/kg	3500U	3500U	7200U	6500U
2-Nitrophenol	µg/kg	700U	690U	1400U	1300U
2-Picoline	µg/kg	700U	690U	1400U	1300U
3,3'-Dichlorobenzidine	µg/kg	1400U	1400U	2900U	2600UJ
3-Nitroaniline	µg/kg	3500U	3500U	7200U	6500U
4,6-Dinitro-2-methylphenol	µg/kg	3500U	3500U	7200U	6500U
4-Bromophenyl phenyl ether	µg/kg	700U	690U	1400U	1300U

TABLE I.5-1

ANALYTICAL RESULTS SUMMARY FOR DRUM SAMPLES
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*D001*	*D001*	*D002*	*D003*
Sample ID:		*EFD01*	*EFD04*	*EFD02*	*EFD03*
Sample Date:		*12/05/1991*	*12/05/1991 Duplicate*	*12/05/1991*	*12/05/1991*
Parameter	*Units*				
4-Chloro-3-methylphenol	µg/kg	700U	690U	1400U	1300U
4-Chloroaniline	µg/kg	700U	690U	1400U	1300U
4-Chlorophenyl phenyl ether	µg/kg	700U	690U	1400U	1300U
4-Methylphenol	µg/kg	700U	690U	1400U	1300U
4-Nitroaniline	µg/kg	3500U	3500U	7200U	6500U
4-Nitrophenol	µg/kg	3500U	3500U	7200U	6500U
Acenaphthene	µg/kg	700U	690U	1400U	1300U
Acenaphthylene	µg/kg	700U	690U	1400U	1300U
Anthracene	µg/kg	700U	690U	1400U	1300U
Benzo(a)anthracene	µg/kg	700U	690U	1400U	1300UJ
Benzo(a)pyrene	µg/kg	700U	690U	1400U	1300UJ
Benzo(b)fluoranthene	µg/kg	700U	690U	1400U	1300UJ
Benzo(g,h,i)perylene	µg/kg	700U	690U	1400U	1300UJ
Benzo(k)fluoranthene	µg/kg	700U	690U	1400U	1300UJ
Benzoic acid	µg/kg	3500U	3500U	7200U	6500U
Benzyl Alcohol	µg/kg	700U	690U	1400U	1300U
bis(2-Chloroethoxy)methane	µg/kg	700U	690U	1400U	1300U
bis(2-Chloroethyl)ether	µg/kg	700U	690U	1400U	1300U
bis(2-Ethylhexyl)phthalate	µg/kg	700U	690U	1400U	1300UJ
Butyl benzylphthalate	µg/kg	700U	690U	1400U	1300UJ
Chrysene	µg/kg	700U	690U	1400U	1300UJ
Dibenz(a,h)anthracene	µg/kg	700U	690U	1400U	1300UJ
Dibenzofuran	µg/kg	700U	690U	1400U	1300U
Diethyl phthalate	µg/kg	700U	690U	1400U	1300U
Dimethyl phthalate	µg/kg	700U	690U	1400U	1300U
Di-n-butylphthalate	µg/kg	700U	690U	1400U	1300U
Di-n-octyl phthalate	µg/kg	480J	270J	1400U	450J
Fluoranthene	µg/kg	700U	690U	1400U	1300U
Fluorene	µg/kg	700U	690U	1400U	1300U
Hexachlorobenzene	µg/kg	700U	690U	1400U	1300U
Hexachlorobutadiene	µg/kg	700U	690U	1400U	1300U
Hexachlorocyclopentadiene	µg/kg	700U	690U	1400U	1300U
Hexachloroethane	µg/kg	700U	690U	1400U	1300U
Indeno(1,2,3-cd)pyrene	µg/kg	700U	690U	1400U	1300UJ
Isophorone	µg/kg	700U	690U	1400U	1300U
Naphthalene	µg/kg	700U	690U	1400U	1300U
Nitrobenzene	µg/kg	700U	690U	1400U	1300U
N-Nitrosodi-n-propylamine	µg/kg	700U	690U	1400U	1300U
N-Nitrosodiphenylamine	µg/kg	700U	690U	1400U	1300U
Pentachlorophenol	µg/kg	3500UJ	3500UJ	7200UJ	6500UJ
Phenanthrene	µg/kg	700U	690U	1400U	1300U
Phenol	µg/kg	700U	690U	1400U	1300U
Pyrene	µg/kg	700UJ	690U	1400U	1300UJ
Pyridine	µg/kg	700U	690U	1400U	1300U
TCL Pesticides/PCBs					
4,4'-DDD	µg/kg	31J	16U	36U	31UJ
4,4'-DDE	µg/kg	17U	330J	36U	31UJ
4,4'-DDT	µg/kg	160J	16U	36U	31UJ
Aldrin	µg/kg	8.4U	9.1J	18U	16UJ
alpha-BHC	µg/kg	8.4U	8U	18U	16UJ
alpha-Chlordane	µg/kg	84U	80U	180U	160UJ
Aroclor-1016 (PCB-1016)	µg/kg	84U	80U	180U	160UJ
Aroclor-1221 (PCB-1221)	µg/kg	84U	80U	180U	160UJ
Aroclor-1232 (PCB-1232)	µg/kg	84U	80U	180U	160UJ
Aroclor-1242 (PCB-1242)	µg/kg	84U	80U	180U	160UJ
Aroclor-1248 (PCB-1248)	µg/kg	84U	80U	180U	160UJ
Aroclor-1254 (PCB-1254)	µg/kg	5,600	87,000	360U	1,000J
Aroclor-1260 (PCB-1260)	µg/kg	170U	160U	360U	310UJ
beta-BHC	µg/kg	8.4U	8U	18U	16UJ
delta-BHC	µg/kg	8.4U	8U	18U	16UJ
Dieldrin	µg/kg	66J	16U	36U	31UJ
Endosulfan I	µg/kg	8.4U	8U	18U	16UJ

TABLE I.5-1

ANALYTICAL RESULTS SUMMARY FOR DRUM SAMPLES
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*D001*	*D001*	*D002*	*D003*
Sample ID:		*EFD01*	*EFD04*	*EFD02*	*EFD03*
Sample Date:		*12/05/1991*	*12/05/1991* *Duplicate*	*12/05/1991*	*12/05/1991*
Parameter	*Units*				
Endosulfan II	µg/kg	17U	16U	36U	31UJ
Endosulfan sulfate	µg/kg	17U	16U	36U	31UJ
Endrin	µg/kg	54J	16U	36U	31UJ
Endrin ketone	µg/kg	17U	16U	36U	31UJ
gamma-BHC (Lindane)	µg/kg	8.4U	8U	18U	16UJ
gamma-Chlordane	µg/kg	84U	80U	180U	160UJ
Heptachlor	µg/kg	8.4U	8U	18U	16UJ
Heptachlor epoxide	µg/kg	78J	310J	18U	16UJ
Methoxychlor	µg/kg	84U	1,300J	180U	160UJ
Toxaphene	µg/kg	170U	160U	360U	310UJ
TAL Inorganics					
Aluminum	mg/kg	16,800	16,700	26,300	12,900
Antimony	mg/kg	5.9UJ	5.9U	12.2U	9.8U
Arsenic	mg/kg	8.8UJ	10.3UJ	1U	6.2U
Barium	mg/kg	53.4	52.5	55.5	55.1
Beryllium	mg/kg	0.75U	0.61U	8.5	0.42U
Cadmium	mg/kg	0.99U	0.98U	2.1U	1.7U
Calcium	mg/kg	465	549	13,600	1,950
Chromium Total	mg/kg	23.3	22.8	88.5	29.6
Cobalt	mg/kg	15.4	12.4	33.5	11.0
Copper	mg/kg	31.2	26.8	9.9	36.2
Cyanide (total)	mg/kg	1U	1U	2.2	79.1
Iron	mg/kg	30,700	29,800	25,100	69,400
Lead	mg/kg	30.8J	23.6	13.1	489
Magnesium	mg/kg	6,750	6,540	22,400	5,470
Manganese	mg/kg	1,120	918	306	1,270
Mercury	mg/kg	0.1U	0.12	0.22U	1.5
Nickel	mg/kg	29.8	29.5	34.4	38.2
Potassium	mg/kg	1,200	1,240	3,290	1,520
Selenium	mg/kg	0.38UJ	0.38UJ	2.8	0.63UJ
Silver	mg/kg	0.46UJ	0.46U	0.96U	0.77U
Sodium	mg/kg	62.9	83.7	349	11,000
Thallium	mg/kg	0.48U	0.48U	1.4U	0.67U
Vanadium	mg/kg	21.5	21.5	57.1	21.2
Zinc	mg/kg	88.6	91.5	86.9	322
Wet Chemistry					
pH	S.U.	5.7	6.4	6.1	11.8
Total Solids	%	95.4	95.6	45.8	56.9
Petroleum hydrocarbons	mg/kg	505	2,470	1,540	2,680

Notes:

Original detection limits were not included in analytical data and are unavailable
J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.

TABLE I.5-2

ANALYTICAL RESULTS SUMMARY FOR TANKER SAMPLES
FORMER LAGOON SITE
HAMPTONBURGH, NEW YORK

Sample Location:		*TANKER*
Sample ID:		*TANKER*
Sample Date:		*Tanker*
		12/20/1991
Parameter	*Units*	
TCL Volatiles		
1,1,1-Trichloroethane	µg/L	5U
1,1,2,2-Tetrachloroethane	µg/L	5U
1,1,2-Trichloroethane	µg/L	5U
1,1-Dichloroethane	µg/L	5U
1,1-Dichloroethene	µg/L	5U
1,2-Dichloroethane	µg/L	5U
1,2-Dichloroethene (total)	µg/L	5U
1,2-Dichloropropane	µg/L	5U
2-Butanone (Methyl Ethyl Ketone)	µg/L	10U
2-Hexanone	µg/L	10U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	10U
Acetone	µg/L	10U
Benzene	µg/L	5U
Bromodichloromethane	µg/L	5U
Bromoform	µg/L	5U
Bromomethane (Methyl Bromide)	µg/L	10U
Carbon disulfide	µg/L	5U
Carbon tetrachloride	µg/L	5U
Chlorobenzene	µg/L	5U
Chloroethane	µg/L	10U
Chloroform (Trichloromethane)	µg/L	5U
Chloromethane (Methyl Chloride)	µg/L	10U
cis-1,3-Dichloropropene	µg/L	5U
Dibromochloromethane	µg/L	5U
Ethylbenzene	µg/L	5U
Methylene chloride	µg/L	5U
Styrene	µg/L	5U
Tetrachloroethene	µg/L	5U
Toluene	µg/L	5U
trans-1,3-Dichloropropene	µg/L	5U
Trichloroethene	µg/L	5U
Vinyl acetate	µg/L	10U
Vinyl chloride	µg/L	10U
Xylene (total)	µg/L	5U

Notes:

Original detection limits were not included in analytical data and are unavailable
J - Estimated
U - Non-detect at associated value.
UJ - The analyte was detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
R - Value has been rejected.
-- - Parameter is not analyzed.
TAL - Target Analyte List.
TCL - Target Compound List.