VOLUME IV - SUPPLEMENTAL LABORATORY DATA CONTINUED
REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT FOR THE 93RD STREET SCHOOL SITE CITY OF NIAGARA FALLS NIAGARA, NEW YORK

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FIRST ROUND

TABLE 1.0
CLIENT NYSDEC
JOB # 30570-C.240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	1.0	124.0	142.0	134.0	125.0	
Method Blank I.D.	VB5282	VB5282	VB5282	VB5282	VB5282	
Compound	Method Blank	3849 1P16-0-1'	3851 1P16 2'-4'	3852 1P16 4'-6'	3853 1P16 6'-8'	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride		4700	5100	4900	4900	5
acetone		U	U	U	U	10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform			720	660J		5
1,2-dichloroethane			U	U		5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.1
CLIENT NYSDEC
JOB # 30870-C2YC

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	122.0	139.0				
Method Blank I.D.	785282	785282				
Compound	3854 IP8 0-1'	3855 IP8 1'-2'				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	3600	4200				5
acetone	540J	530J				10
carbon disulfide	U	U				5
1,1-dichloroethene	670					5
1,1-dichloroethane	U					5
trans-1,2-dichloroethene	U					5
chloroform	790	900				5
1,2-dichloroethane	U	U				5
2-butanone		530J				10
1,1,1-trichloroethane		240J				5
carbon tetrachloride		U				5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone		200J				10
tetrachloroethene		U				5
toluene						5
chlorobenzene						5
ethylbenzene	870	960				5
styrene	U	U				5
total xylenes	1,300	1,300				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.2
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	Method Blank	3801 SB-1P4 6'-8'	3803 SB-1P4 2'-4'	3806 SB-1P5 0-2'	3807 SB-1P5 2'-4'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	195.0	149.0	142.0	115.0	
Method Blank I.D.	7B5270	7B5270	7B5270	7B5270	7B5270	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride		6100	4700	4800	4000	5
acetone		U	U	4500	U	10
carbon disulfide				U		5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		900J	620J		510J	5
1,2-dichloroethane		U	U		U	5
2-butanone			2400			10
1,1,1-trichloroethane			U			5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	9J					10
4-methyl-2-pentanone	U					10
tetrachloroethene						5
toluene			1900			5
chlorobenzene			U			5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.3
CLIENT: NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Dilution Factor: 131.0	162.0				Lower Limits of Detection with no Dilution
Method Blank I.D.	2B5270	2B5270				
	3808 SB-1P5 4'-6'	3805 SB-1P4 8'-10'				
chloromethane	U	U				10
bromomethane	↓	↓				10
vinyl chloride						10
chloroethane						10
methylene chloride	4800	5500				5
acetone	2300	U				10
carbon disulfide	U					5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes	↓	↓				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.4
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	7B5203	7B5203				
Compound	Method Blank	Trip Blank (010)				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride						5
acetone		U				10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.5
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Dilution Factor 1.0	1.16				Lower Limits of Detection with no Dilution
	Method Blank I.D. 7A555J Method Blank	7A555J 3800 SB-1P4 0.5'				
chloromethane	U	U				10
bromomethane	↓	↓				10
vinyl chloride	↓	↓				10
chloroethane	↓	↓				10
methylene chloride	6	10B				5
acetone	20	41B				10
carbon disulfide	0.4J	3JB				5
1,1-dichloroethene	U	U				5
1,1-dichloroethane	↓	↓				5
trans-1,2-dichloroethene	↓	↓				5
chloroform	2J	↓				5
1,2-dichloroethane	U	↓				5
2-butanone	7J	7JB				10
1,1,1-trichloroethane	0.3J	5JB				5
carbon tetrachloride	U	U				5
vinyl acetate	↓	↓				10
bromodichloromethane	↓	↓				5
1,1,2,2-tetrachloroethane	2J	↓				5
1,2-dichloropropane	U	↓				5
trans-1,3-dichloropropene	↓	↓				5
trichloroethene	↓	↓				5
dibromochloromethane	↓	↓				5
1,1,2-trichloroethane	↓	↓				5
benzene	↓	↓				5
cis-1,3-dichloropropene	↓	↓				5
2-chloroethylvinylether	↓	↓				10
bromoform	↓	↓				5
2-hexanone	4J	↓				10
4-methyl-2-pentanone	4J	↓				10
tetrachloroethene	U	↓				5
toluene	↓	200				5
chlorobenzene	↓	U				5
ethylbenzene	1J	5JB				5
styrene	U	U				5
total xylenes	U	U				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.6
CLIENT: NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	1.0	129.0	133.0	126.0	192.0	
Method Blank I.D.	>B5304	>B5304	>B5304	>B5304	>B5304	
Compound	Method Blank	3856 1P8 4'-6'	3857 1P8 2'-4'	3860 1P15 0-1'	3861 1P15 2'-4'	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride		5000	6000	5100	6900	5
acetone		3200	U	U	U	10
carbon disulfide		U				5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		680	840	670		5
1,2-dichloroethane		U	U	U		5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.7
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	177.C					
Method Blank I.D.	735304					
Compound	3862 1P-15 41-61					Lower Limits of Detection with no Dilution
chloromethane	U					10
bromomethane	↓					10
vinyl chloride	↓					10
chloroethane	↓					10
methylene chloride	6300					5
acetone	U					10
carbon disulfide	↓					5
1,1-dichloroethene	↓					5
1,1-dichloroethane	↓					5
trans-1,2-dichloroethene	↓					5
chloroform	940					5
1,2-dichloroethane	U					5
2-butanone	↓					10
1,1,1-trichloroethane	↓					5
carbon tetrachloride	↓					5
vinyl acetate	↓					10
bromodichloromethane	↓					5
1,1,2,2-tetrachloroethane	↓					5
1,2-dichloropropane	↓					5
trans-1,3-dichloropropene	↓					5
trichloroethene	↓					5
dibromochloromethane	↓					5
1,1,2-trichloroethane	↓					5
benzene	↓					5
cis-1,3-dichloropropene	↓					5
2-chloroethylvinylether	↓					10
bromoform	↓					5
2-hexanone	↓					10
4-methyl-2-pentanone	↓					10
tetrachloroethene	↓					5
toluene	↓					5
chlorobenzene	↓					5
ethylbenzene	↓					5
styrene	↓					5
total xylenes	↓					5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.8
CLIENT: NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	1.0	123.0	126.0	129.0	124.0	
Method Blank I.D.	>B5327	>B5327	>B5327	>B5327	>B5327	
Compound	Method Blank	3850 1P16-1'-2'	3859 1P8 8'-10'	3863 1P15 6'-8'	3864 1P15 8'-10'	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride		5500	6200	6100	6700	5
acetone		U	U	U	U	10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform			780		820	5
1,2-dichloroethane			U		U	5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.9
CLIENT: NYSDEC
JOB # 30870 C24C

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	Dilution Factor	Method Blank I.D.	3865 1P17 1'-2'	3866 1P17 0'-1'				Lower Limits of Detection with no Dilution
			137.0	125.0				
			705327	705327				
chloromethane			U	U				10
bromomethane			↓	↓				10
vinyl chloride			↓	↓				10
chloroethane			↓	↓				10
methylene chloride			7400	6500				5
acetone			U	U				10
carbon disulfide			↓	↓				5
1,1-dichloroethene			↓	↓				5
1,1-dichloroethane			↓	↓				5
trans-1,2-dichloroethene			↓	↓				5
chloroform			850	↓				5
1,2-dichloroethane			U	↓				5
2-butanone			↓	↓				10
1,1,1-trichloroethane			↓	↓				5
carbon tetrachloride			↓	↓				5
vinyl acetate			↓	↓				10
bromodichloromethane			↓	↓				5
1,1,2,2-tetrachloroethane			↓	↓				5
1,2-dichloropropane			↓	↓				5
trans-1,3-dichloropropene			↓	↓				5
trichloroethene			↓	↓				5
dibromochloromethane			↓	↓				5
1,1,2-trichloroethane			↓	↓				5
benzene			↓	↓				5
cis-1,3-dichloropropene			↓	↓				5
2-chloroethylvinylether			↓	↓				10
bromoform			↓	↓				5
2-hexanone			↓	↓				10
4-methyl-2-pentanone			↓	↓				10
tetrachloroethene			↓	↓				5
toluene			↓	↓				5
chlorobenzene			↓	↓				5
ethylbenzene			1300	↓				5
styrene			U	↓				5
total xylenes			U	↓				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.10
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Dilution Factor 1.0	148.0	124.0	123.0	116.0	Lower Limits of Detection with no Dilution
Method Blank I.D.	7B5337	7B5337	7B5337	7B5337	7B5337	
	Method Blank	3858 1P8 6'-8'	3867 1P17 2'-4'	3868 1P12 0-1'	3869 1P12 0-2'	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride						5
acetone						10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene			890			5
styrene			U			5
total xylenes			U			5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.11
CLIENT: NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	120.0	130.0	171.0	110.0	131.0	
Method Blank I.D.	7B5337	7B5337	7B5337	7B5337	7B5337	
Compound	3870 1P12 2'-4'	3835 1P3 0-2'	3837 1P3 6'-8'	3838 1P3 8'-10'	3839 1P2 0-2'	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride						5
acetone						10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane					3100	5
carbon tetrachloride					U	5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.12
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	Dilution Factor 118.0	Method Blank I.D. VB5337 3840 IP2 21-4'	Dilution Factor 131.0	Method Blank I.D. VB5337 3841 IP2 41-6'				Lower Limits of Detection with no Dilution
chloromethane	U		U					10
bromomethane								10
vinyl chloride								10
chloroethane								10
methylene chloride								5
acetone			3800					10
carbon disulfide			U					5
1,1-dichloroethene								5
1,1-dichloroethane								5
trans-1,2-dichloroethene								5
chloroform								5
1,2-dichloroethane								5
2-butanone								10
1,1,1-trichloroethane								5
carbon tetrachloride								5
vinyl acetate								10
bromodichloromethane								5
1,1,2,2-tetrachloroethane								5
1,2-dichloropropane								5
trans-1,3-dichloropropene								5
trichloroethene								5
dibromochloromethane								5
1,1,2-trichloroethane								5
benzene								5
cis-1,3-dichloropropene								5
2-chloroethylvinylether								10
bromoform								5
2-hexanone								10
4-methyl-2-pentanone								10
tetrachloroethene								5
toluene								5
chlorobenzene								5
ethylbenzene								5
styrene								5
total xylenes								5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.13
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Compound	Dilution Factor: 1.0	221.0	1.0			Lower Limits of Detection with no Dilution
Method Blank I.D.	7B5244 Method Blank	7B5244 3802 SB-1P4 4'-6'	7B5244 Trip Blank (033)			
chloromethane	U	U	U			10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride						5
acetone						10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	10					10
4-methyl-2-pentanone	7J					10
tetrachloroethene	U					5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.14
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Method Blank	3842 1P2 6'-8'	3843 1P9 1'-2'			Lower Limits of Detection with no Dilution
Dilution Factor	1.0	132.0	161.0			
Method Blank I.D.	>B5350	>B5350	>B5350			
chloromethane	U	U	U			10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride			4100			5
acetone			U			10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform						5
1,2-dichloroethane						5
2-butanone			5300			10
1,1,1-trichloroethane			U			5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene			1500			5
styrene			U			5
total xylenes			U			5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.15
CLIENT: NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Method Blank	3844 1P9 0-1'	3845 1P9 2'-4'	3846 1P9 4'-6'	3847 1P9 6'-8'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	118.0	152.0	158.0	128.0	
Method Blank I.D.	7B5383	7B5383	7B5383	7B5383	7B5383	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride		5000	5000	6500	5400	5
acetone		U	U	U	U	10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		740	880		790	5
1,2-dichloroethane		U	U		U	5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene					920J	5
toluene					U	5
chlorobenzene						5
ethylbenzene					1600	5
styrene					U	5
total xylenes					U	5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.16
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	Dilution Factor: 182.0					Lower Limits of Detection with no Dilution
	Method Blank I.D.: 205383					
	3848 1P9 8'-10'					
chloromethane	U					10
bromomethane	↓					10
vinyl chloride	↓					10
chloroethane	↓					10
methylene chloride	7700					5
acetone	U					10
carbon disulfide	↓					5
1,1-dichloroethene	↓					5
1,1-dichloroethane	↓					5
trans-1,2-dichloroethene	↓					5
chloroform	↓					5
1,2-dichloroethane	↓					5
2-butanone	↓					10
1,1,1-trichloroethane	↓					5
carbon tetrachloride	↓					5
vinyl acetate	↓					10
bromodichloromethane	↓					5
1,1,2,2-tetrachloroethane	↓					5
1,2-dichloropropane	↓					5
trans-1,3-dichloropropene	↓					5
trichloroethene	↓					5
dibromochloromethane	↓					5
1,1,2-trichloroethane	↓					5
benzene	↓					5
cis-1,3-dichloropropene	↓					5
2-chloroethylvinylether	↓					10
bromoform	↓					5
2-hexanone	↓					10
4-methyl-2-pentanone	↓					10
tetrachloroethene	↓					5
toluene	↓					5
chlorobenzene	↓					5
ethylbenzene	↓					5
styrene	↓					5
total xylenes	↓					5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.17
CLIENT NYSDEC
JOB # 30870 C24C

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	Method Blank I.D. 7B×488 Method Blank	7B×488 3871 1P6 0-1'	7B×488 3872 1P6 2'-4'	7B×488 3873 1P6 4'-6'	7B×488 3874 1P10 0-1'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	136.0	120.0	124.0	116.0	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	5	6100B	5600B	5300B	5700B	5
acetone	10	3400B	3200B	950JB	2300B	10
carbon disulfide	U	U	U	U	U	5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	1J	1100B	850B	890B	850B	5
1,2-dichloroethane	U	U	U	U	U	5
2-butanone		4500	2600	1300	1600	10
1,1,1-trichloroethane		U	340J	400J	310J	5
carbon tetrachloride			U	U	U	5
vinyl acetate						10
bromodichloromethane		230J				5
1,1,2,2-tetrachloroethane		1600				5
1,2-dichloropropane		U				5
trans-1,3-dichloropropene		U				5
trichloroethene		40J				5
dibromochloromethane		500J				5
1,1,2-trichloroethane		U				5
benzene		250J		140J		5
cis-1,3-dichloropropene		U		U		5
2-chloroethylvinylether		1100J				10
bromoform		U				5
2-hexanone		780J				10
4-methyl-2-pentanone		U	770J	560J	750J	10
tetrachloroethene		U	U	U	U	5
toluene	5	930B	480JB	890B	400JB	5
chlorobenzene	U	U	U	U	U	5
ethylbenzene	2J	1200B	1000B	1100B		5
styrene	U	U	U	U		5
total xylenes	U	1500	1100	1400		5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.18
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Compound	3875 1P10 1'-2'	3876 1P10 2'-4'	3878 1P10 6'-8'			Lower Limits of Detection with no Dilution
Dilution Factor	131.0	124.0	140.0			
Method Blank I.D.	7BX488	7BX488	7BX488			
chloromethane	U	U	U			10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	6000B	6100B	6800B			5
acetone	2500B	3000B	2700B			10
carbon disulfide	U	U	U			5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	920B	980B	1100B			5
1,2-dichloroethane	U	U	U			5
2-butanone	1800	1900	2300			10
1,1,1-trichloroethane	310J	400J	400J			5
carbon tetrachloride	U	U	U			5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene		130J				5
cis-1,3-dichloropropene		U				5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone	910J	760J	740J			10
tetrachloroethene	U	U	U			5
toluene	6100B	13,000B	740B			5
chlorobenzene	U	U	U			5
ethylbenzene	1200B	1300B	1200B			5
styrene	U	U	U			5
total xylenes	1600	2000	1500			5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.19
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	190.0	109.0			
Method Blank I.D.	7BX540	7BX540	7BX540			
Compound	Method Blank	3877 1P10 4'-6'	3881 1P13 11'-2'			Lower Limits of Detection with no Dilution
chloromethane	U	U	U			10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	6	7000B	4100B			5
acetone	13	3800B	1400B			10
carbon disulfide	U	U	U			5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	2J	920JB	610B			5
1,2-dichloroethane	U	U	U			5
2-butanone	10	2200B	2200B			10
1,1,1-trichloroethane	3J	310JB	340JB			5
carbon tetrachloride	U	U	U			5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane	4J	520JB				5
1,2-dichloropropane	U	U				5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	8J					10
4-methyl-2-pentanone	7J	560JB	480JB			10
tetrachloroethene	U	U	U			5
toluene	3J	600JB	430JB			5
chlorobenzene	U	U	U			5
ethylbenzene		1300	780			5
styrene		U	U			5
total xylenes		1800	U			5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.20
CLIENT: NYSDEC
JOB # 30870-C240

KPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Method Blank	3879 1P10 8'-10'	3880 1P13 0-1'	3882 1P13 2'-4'	3883 1P13 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	126.0	136.0	123.0	124.0	
Method Blank I.D.	7BX505	7BX505	7BX505	7BX505	7BX505	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	8	4400B	6600B	4500B	4300B	5
acetone	13	2000B	4000B	2600B	2600B	10
carbon disulfide	U	U	U	U	U	5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		810	1100	710	690	5
1,2-dichloroethane		U	U	U	U	5
2-butanone	6J	1100JB	2200B	1400B	2100B	10
1,1,1-trichloroethane	U	390J	500J	320J	320J	5
carbon tetrachloride		U	U	U	U	5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone			840J	510J	560J	10
tetrachloroethene			U	U	U	5
toluene	8	5000B	1000B	380JB	2300B	5
chlorobenzene	U	U	U	U	U	5
ethylbenzene	3J	1200B	1300B	910B	870B	5
styrene	U	U	U	U	U	5
total xylenes	U	1400	1500	1100	1200	5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.21
CLIENT NYSDEC
JOB # 30870-C24C

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Dilution Factor	1.0	125.0	125.0	129.0	127.0	
Method Blank I.D.	7BX519	7BX519	7BX519	7BX519	7BX519	
Compound	Method Blank	3884 1P-11 0-1'	3885 1P-11 2'-4'	3886 1P-11 4'-6'	3887 1P-11 6'-8'	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	9	5200B	5000B	5900B	5700B	5
acetone	7J	1600B	1600B	2500B	1500B	10
carbon disulfide	U	U	U	U	U	5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	3J	720B	720B	710B	760B	5
1,2-dichloroethane	U	U	U	U	U	5
2-butanone	7J	2000B	1900B	1500B	1200B	10
1,1,1-trichloroethane	3J	230JB	230JB	250JB	360JB	5
carbon tetrachloride	U	U	U	U	U	5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone	5J	360JB	U		450JB	10
tetrachloroethene	U	U			U	5
toluene	4J	570JB	520JB	430JB	510JB	5
chlorobenzene	U	U	U	U	U	5
ethylbenzene		900	970	900	950	5
styrene		U	U	U	U	5
total xylenes		1200	1200	1000	1200	5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.22
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	123.0	126.0	186.0	133.0		Lower Limits of Detection with no Dilution
Dilution Factor	123.0	126.0	186.0	133.0		
Method Blank I.D.	2BX519	2BX519	2BX519	2BX519		
	3888 1P-1 1'-2'	3889 1P-1 0-1'	3890 1P-1 2'-4'	3891 1P-1 4'-6'		
chloromethane	U	U	U	U		10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	5500B	4700B	6900B	5200B		5
acetone	1500B	1400B	2600B	1900B		10
carbon disulfide	U	U	U	U		5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	750B	750B	1000B	800B		5
1,2-dichloroethane	U	U	U	U		5
2-butanone	1400B	1200JB	2900B	1300JB		10
1,1,1-trichloroethane	330JB	390JB	570B	390JB		5
carbon tetrachloride	U	U	U	U		5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone	410JB	580JB	660JB	420JB		10
tetrachloroethene	U	U	U	U		5
toluene	980B	450JB	850JB	890B		5
chlorobenzene	U	U	U	U		5
ethylbenzene	880	900	620J	780		5
styrene	U	U	U	U		5
total xylenes	1100	1100	U	U		5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.23
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	7BX519	7BX519				
Compound	Method Blank	Trip Blank (057)				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	9	5B				5
acetone	7J	6JB				10
carbon disulfide	U	U				5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	3J	3JB				5
1,2-dichloroethane	U	U				5
2-butanone	7J					10
1,1,1-trichloroethane	3J					5
carbon tetrachloride	U					5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone	5J					10
tetrachloroethene	U					5
toluene	4J	2JB				5
chlorobenzene	U	U				5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.24
CLIENT NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

All Results Reported as ug/Kg.

Soil

Sample Identification

Compound	Method Blank	3893 IP5 Grab, 0-1'	3894 IP3 Grab 0-1'	3895 IP2 Grab 0-1'		Lower Limits of Detection with no Dilution
Dilution Factor	1.0	138.0	143.0	140.0		
Method Blank I.D.	>BX540	>BX540	>BX540	>BX540		
chloromethane	U	U	U	U		10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	6	4900B	5200B	4900B		5
acetone	13	2200B	2400B	2100B		10
carbon disulfide	U	U	U	U		5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	2J	670JB	720B	670JB		5
1,2-dichloroethane	U	U	U	U		5
2-butanone	10	1300JB	2300B	1600B		10
1,1,1-trichloroethane	3J	U	270JB	250JB		5
carbon tetrachloride	U		U	U		5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane	4J					5
1,2-dichloropropane	U					5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	8J					10
4-methyl-2-pentanone	7J		860JB			10
tetrachloroethene	U		U			5
toluene	3J	730B	910B	850B		5
chlorobenzene	U	U	U	U		5
ethylbenzene		890	960	900		5
styrene		U	U	U		5
total xylenes		1200	1300	U		5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.25
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Compound	Dilution Factor 1.0	1.0	1.0			Lower Limits of Detection with no Dilution
Method Blank I.D.	>BX588 Method Blank	>BX588 3033 Trip Blank	>BX588 3834 Field Blank			
chloromethane	U	U	U			10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	3J	5B	5B			5
acetone	U	U	U			10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		3J	2J			5
1,2-dichloroethane		U	U			5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene	1J	3JB	2JB			5
chlorobenzene	U	U	U			5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.26
CLIENT: NYSDEC
JOB # 30870-C240

EPA HSL
VOLATILE COMPOUNDS

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	127.0				
Method Blank I.D.	2BX558	7BX558				
Compound	Method Blank	3892 1P-1 6'-8'				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	3J	4700B				5
acetone	U	1700				10
carbon disulfide		U				5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		670J				5
1,2-dichloroethane		U				5
2-butanone		1500				10
1,1,1-trichloroethane		320J				5
carbon tetrachloride		U				5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene	15	560JB				5
chlorobenzene	U	U				5
ethylbenzene		930				5
styrene		U				5
total xylenes		1300				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.0
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. 11-11-86 Method Blank	3800 SB-1P4 0.5'	3804 SB-1P4 0.5'-2'	3801 SB-1P4 6'-8'	3802 SB-1P4 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene				81J	170J	330
Benzyl Alcohol				U	U	330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene					58J	330
Naphthalene				220J	U	330
4-Chloroaniline				U		330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene		10J		88J		330
Hexachlorocyclopentadiene		U		U		330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.1
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-11-86 Method Blank	11-11-86 SB-1P4 0.5' 3800	11-11-86 SB-1P4 0.5'-2' 3804	11-11-86 SB-1P4 6'-8' 3801	11-11-86 3802 SB-1P4 4'-6'	Lower Limits of Detection with no Dilution
Compound						
Acenaphthene	U	70J	U	360	U	330
2,4-Dinitrophenol		U		U		1,600
4-Nitrophenol		U		U		1,600
Dibenzofuran		9600		62,000		330
2,4-Dinitrotoluene		U		U		330
2,6-Dinitrotoluene				U		330
Diethylphthalate				80J		330
4-Chlorophenyl-phenylether				U		330
Fluorene		60J		470		330
4-Nitroaniline		U		U		1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene		1200		3700		330
Anthracene		130J		750		330
Di-n-Butylphthalate		U		33J		330
Fluoranthene		1400		2700		330
Pyrene		1700		3400		330
Butylbenzylphthalate		U		U		660
3,3'-Dichlorobenzidine		U		U		330
Benzo(a)Anthracene		890		1200		330
bis(2-Ethylhexyl)Phthalate		U		U	50J	330
Chrysene		1400		1400	U	330
Di-n-Octyl Phthalate	19J	U	11JB	U	68JB	330
Benzo(b)fluoranthene	U	800	U	930	U	330
Benzo(k)fluoranthene		900		840		330
Benzo(a)pyrene		770		1000		330
Indeno(1,2,3-cd)pyrene		630		710		330
Dibenzo(a,h)anthracene		U		U		330
Benzo(g,h,i)perylene		830		870		330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.2
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	10.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-11-86 3803	11-11-86 3806	11-11-86 3807	11-11-86 3808	11-11-86 3805	
	SB-1P4 2'-4'	SB-1P5 0-2'	SB-1P5 2'-4'	SB-1P5 4'-6'	SB-1P4 8'-10'	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene					31J	330
1,4-Dichlorobenzene	720				830	330
Benzyl Alcohol	U				U	330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene					88J	330
Naphthalene	1500				42J	330
4-Chloroaniline	U				U	330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene	910				26J	330
Hexachlorocyclopentadiene	U				U	330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.3
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	Dilution Factor 10.0	1.0	1.0	1.0	1.0	Lower Limits of Detection with no Dilution
Method Blank I.D.	11-11-86	11-11-86	11-11-86	11-11-86	11-11-86	
	3803	3806	3807	3808	3805	
	SB-1P4	SB-1P5	SB-1P5	SB-1P5	SB-1P4	
	2'-4'	0-2'	2'-4'	4'-6'	8'-10'	
Acenaphthene	11,000	U	U	U	230J	330
2,4-Dinitrophenol	U				U	1,600
4-Nitrophenol	U				U	1,600
Dibenzofuran	6,600				150J	330
2,4-Dinitrotoluene	U				U	330
2,6-Dinitrotoluene					U	330
Diethylphthalate				25J	28J	330
4-Chlorophenyl-phenylether				U	U	330
Fluorene	14,000			21J	350	330
4-Nitroaniline	U			U	U	1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene	82,000	65J		100J	1700	330
Anthracene	22,000	U		28J	450	330
Di-n-Butylphthalate	U	U		25J	U	330
Fluoranthene	45,000	39J		U	U	330
Pyrene	56,000	47J		100J	1900	330
Butylbenzylphthalate	U	U		U	U	660
3,3'-Dichlorobenzidine	U				U	330
Benzo(a)Anthracene	26,000				700	330
bis(2-Ethylhexyl)Phthalate	U		120J	120J	U	330
Chrysene	24,000		U	U	720	330
Di-n-Octyl Phthalate	U			70JB	200JB	330
Benzo(b)fluoranthene	31,000			U	460	330
Benzo(k)fluoranthene	4900				480	330
Benzo(a)pyrene	19,000				530	330
Indeno(1,2,3-cd)pyrene	5200				U	330
Dibenzo(a,h)anthracene	U				U	330
Benzo(g,h,i)perylene	U				270J	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.4
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. 11-18-86 Method Blank	11-18-86 3849 1P16 0'-1'	11-18-86 3850 1P16 1'-2'	11-18-86 3851 1P16 2'-4'	11-18-86 3852 1P16 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.5
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86 Method Blank	11-18-86 3849 1P16 0-1'	11-18-86 3850 1P16 1'-2'	11-18-86 3851 1P16 2'-4'	11-18-86 3852 1P16 4'-6'	Lower Limits of Detection with no Dilution
Compound						
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate			28J	40J	26J	330
4-Chlorophenyl-phenylether			U	U	U	330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene		75J				330
Anthracene		U				330
Di-n-Butylphthalate		U	31J	35J	40J	330
Fluoranthene		71J	U	U	U	330
Pyrene		170J				330
Butylbenzylphthalate		U				660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate						330
Chrysene						330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.6
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	3853 1P16 6'-8'	3854 1P8 0-1'	3855 1P8 1'-2'	3856 1P8 4'-6'	3857 1P8 21-4'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene				24J		330
4-Chloroaniline				U		330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene				17J		330
Hexachlorocyclopentadiene				U		330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate				46J		330
Acenaphthylene				U		330
3-Nitroaniline				U		1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.7
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	11-18-86 3853 1P16 6'-8'	11-18-86 3854 1P8 0-1'	11-18-86 3855 1P8 1'-2'	11-18-86 3856 1P8 4'-6'	11-18-86 3857 1P8 2'-4'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate				23J		330
4-Chlorophenyl-phenylether				U		330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene		117J		26J		330
Anthracene		20J		U		330
Di-n-Butylphthalate		U		31J	36J	330
Fluoranthene		150J		15J	U	330
Pyrene		180J		40J		330
Butylbenzylphthalate		U		U		660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate	79J	76J	91J	84J	120J	330
Chrysene	U	120J	U	U	U	330
Di-n-Octyl Phthalate		U				330
Benzo(b)fluoranthene		78J				330
Benzo(k)fluoranthene		U				330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.8
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	3858 1P8 6'-8'	3859 1P8 8'-10'	3860 1P15 0-1'	3861 1P15 2'-4'	3862 1P15 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene	12J					330
4-Chloroaniline	U					330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2-9
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	3858 1P8 6'-8'	3859 1P8 8'-10'	3860 1P15 0-1'	3861 1P15 2'-4'	3862 1P15 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene	130J					330
Anthracene	U					330
Di-n-Butylphthalate	U		72J			330
Fluoranthene	85J		U			330
Pyrene	170J					330
Butylbenzylphthalate	U					660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate	130J	110J	93J	130J	73J	330
Chrysene	80J	U	U	U	U	330
Di-n-Octyl Phthalate	48J		26J			330
Benzo(b)fluoranthene	U		U			330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.10
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	3863 1P15 6'-8'	3864 1P15 8'-10'	3866 1P17 0-1'	3867 1P17 2'-4'	3868 1P12 0'-1'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene					7J	330
4-Chloroaniline					U	330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.11
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	3863 1P15 6'-8'	3864 1P15 8'-10'	3866 1P17 0-1'	3867 1P17 2'-4'	3868 1P12 0-1'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate					48J	330
Fluoranthene					36J	330
Pyrene					70J	330
Butylbenzylphthalate					U	660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate	64J	54J	110J	83J	87J	330
Chrysene	U	U	U	U	U	330
Di-n-Octyl Phthalate		23J				330
Benzo(b)fluoranthene		U				330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.12
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0		
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86		
	3871	3872	3873	3874		
	1P6	1P6	1P6	1P10		
	0-1'	2'-4'	4'-6'	0-1'		
Phenol	U	U	U	U		330
bis(2-Chloroethyl)Ether	↓	↓	↓	↓		330
2-Chlorophenol	↓	↓	↓	↓		330
1,3-Dichlorobenzene	↓	↓	↓	↓		330
1,4-Dichlorobenzene	↓	↓	↓	↓		330
Benzyl Alcohol	↓	↓	↓	↓		330
1,2-Dichlorobenzene	↓	↓	↓	↓		330
2-Methylphenol	↓	↓	↓	↓		330
bis(2-chloroisopropyl)ether	↓	↓	↓	↓		330
4-Methylphenol	↓	↓	↓	↓		330
N-Nitroso-Di-n-propylamine	↓	↓	↓	↓		330
Hexachloroethane	↓	↓	↓	↓		330
Nitrobenzene	↓	↓	↓	↓		330
Isophorone	↓	↓	↓	↓		330
2-Nitrophenol	↓	↓	↓	↓		330
2,4-Dimethylphenol	↓	↓	↓	↓		330
Benzoic Acid	↓	↓	↓	↓		1,600
bis(-2-Chloroethoxy)Methane	↓	↓	↓	↓		330
2,4-Dichlorophenol	↓	↓	↓	↓		330
1,2,4-Trichlorobenzene	↓	↓	↓	↓		330
Naphthalene	↓	↓	↓	↓		330
4-Chloroaniline	↓	↓	↓	↓		330
Hexachlorobutadiene	↓	↓	↓	↓		330
4-Chloro-3-methylphenol	↓	↓	↓	↓		330
2-Methylnaphthalene	↓	↓	↓	↓		330
Hexachlorocyclopentadiene	↓	↓	↓	↓		330
2,4,6-Trichlorophenol	↓	↓	↓	↓		330
2,4,5-Trichlorophenol	↓	↓	↓	↓		1,600
2-Chloronaphthalene	↓	↓	↓	↓		330
2-Nitroaniline	↓	↓	↓	↓		1,600
Dimethyl Phthalate	↓	↓	↓	↓		330
Acenaphthylene	↓	↓	↓	↓		330
3-Nitroaniline	↓	↓	↓	↓		1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.13
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0		
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86(A)		
	3871	3872	3873	3874		
	1P6	1P6	1P6	1P10		
	0-1'	2'-4'	4'-6'	0-1'		
Acenaphthene	U	U	U	U		330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene	34J					330
Anthracene	U					330
Di-n-Butylphthalate						330
Fluoranthene						330
Pyrene						330
Butylbenzylphthalate						660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate			92JB	49JB		330
Chrysene			U	U		330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.14
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. 11-18-86(A) Method Blank	11-18-86(A) 3869 1P12 0-2'	11-18-86(A) 3870 1P12 2'-4'	11-18-86(A) 3835 1P3 0-2'	11-18-86(A) 3836 1P3 2'-4'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene				32J		330
4-Chloroaniline				U		330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene				41J		330
Hexachlorocyclopentadiene				U		330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.15
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. (11-18-86(A)) Method Blank	3869 1P12 0-2'	3870 1P12 2-4'	3835 1P3 0-2'	3836 1P3 2'-4'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene				8 J		330
Anthracene				U		330
Di-n-Butylphthalate				U		330
Fluoranthene				150J		330
Pyrene				350		330
Butylbenzylphthalate				U		660
3,3'-Dichlorobenzidine				U		330
Benzo(a)Anthracene				220J		330
bis(2-Ethylhexyl)Phthalate	76J	81JB	81JB	120JB	89JB	330
Chrysene	U	U	U	250J	U	330
Di-n-Octyl Phthalate				U		330
Benzo(b)fluoranthene				230J		330
Benzo(k)fluoranthene				U		330
Benzo(a)pyrene				190J		330
Indeno(1,2,3-cd)pyrene				U		330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.16
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	
	3837	3838	3839	3840	3841	
	1P3	1P3	1P2	1P2	1P2	
	6'-8'	8'-10'	0-2'	2'-4'	4'-6'	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene		110J				330
1,4-Dichlorobenzene		U				330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene			29J	20J		330
4-Chloroaniline			U	U		330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene			39J		37J	330
Hexachlorocyclopentadiene			U		U	330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.17
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	3837 1P3 6'-8'	3838 1P3 8'-10'	3839 1P2 0-2'	3840 1P2 2'-4'	3841 1P2 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene			270J	120J	90J	330
Anthracene			52J	U	U	330
Di-n-Butylphthalate	320J		U	49J	46J	330
Fluoranthene	U		520	250J	160J	330
Pyrene			870	420	410	330
Butylbenzylphthalate			U	U	U	660
3,3'-Dichlorobenzidine			U	U	U	330
Benzo(a)Anthracene			470	230J	190J	330
bis(2-Ethylhexyl)Phthalate	170JB		120JB	130JB	150JB	330
Chrysene	U		550	270J	230J	330
Di-n-Octyl Phthalate			U	U	U	330
Benzo(b)fluoranthene			560	220J	200J	330
Benzo(k)fluoranthene			120J	U	190J	330
Benzo(a)pyrene			410	210J	U	330
Indeno(1,2,3-cd)pyrene			360	U		330
Dibenzo(a,h)anthracene			U			330
Benzo(g,h,i)perylene			U			330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.16
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	3842 1P2 6'-8'	3843 1P9 1'-2'	3844 1P9 0-1'	3845 1P9 2'-4'	3846 1P9 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene				36J		330
Benzyl Alcohol				U		330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene		520				330
4-Chloroaniline		U				330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene		240J				330
Hexachlorocyclopentadiene		U				330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.19
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	3842 IP2 6'-8'	3843 IP9 1'-2'	3844 IP9 0-1'	3845 IP9 2'-4'	3846 IP9 4'-6'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	11-18-86(A)	
Acenaphthene	U	1800	U	U	U	330
2,4-Dinitrophenol		U				1,600
4-Nitrophenol		U				1,600
Dibenzofuran		1100				330
2,4-Dinitrotoluene		U				330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene		2500				330
4-Nitroaniline		U				1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene		14,000			26J	330
Anthracene		4300			U	330
Di-n-Butylphthalate		U			54J	330
Fluoranthene		9400	31J		21J	330
Pyrene		20,000	U		35J	330
Butylbenzylphthalate		U			U	660
3,3'-Dichlorobenzidine		U				330
Benzo(a)Anthracene		6500				330
bis(2-Ethylhexyl)Phthalate		180JB	140JB	110JB	110JB	330
Chrysene		5700	U	U	U	330
Di-n-Octyl Phthalate		U				330
Benzo(b)fluoranthene		3600				330
Benzo(k)fluoranthene		4200				330
Benzo(a)pyrene		4300				330
Indeno(1,2,3-cd)pyrene		2100				330
Dibenzo(a,h)anthracene		U				330
Benzo(g,h,i)perylene		2100				330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.20
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0				
Method Blank I.D.	11-18-86(A)	11-18-86(A)				
	3847	3848				
	1P9	1P9				
	6'-8'	8'-10'				
Phenol	U	U				330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.21
CLIENT NYSDEC
JOB # 30870.0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0				
Method Blank I.D.	11-18-86(A)	11-18-86(A)				
	3847	3848				
	1P9	1P9				
	6'-8'	8'-10'				
Acenaphthene	U	U				330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate						330
Fluoranthene						330
Pyrene						330
Butylbenzylphthalate						660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate			110JB			330
Chrysene			U			330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.22
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. 11-18-86(B) Method Blank	11-18-86(B) 3875 1 P10 1'-2'	11-18-86(B) 3876 1 P10 2'-4'	11-18-86(B) 3877 1 P10 4'-6'	11-18-86(B) 3878 1 P10 6'-8'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene			70J			330
4-Chloroaniline			U			330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene			120J			330
Hexachlorocyclopentadiene			U			330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.23
CLIENT NYSDEC
JOB # 20870.0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86(B) Method Blank	11-18-86(B) 3875 1P10 1'-2'	11-18-86(B) 3876 1P10 2'-4'	11-18-86(B) 3877 1P10 4'-6'	11-18-86(B) 3878 1P10 6'-8'	Lower Limits of Detection with no Dilution
Compound						
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene			150J	90J		330
Anthracene			U	U		330
Di-n-Butylphthalate			U	U		330
Fluoranthene			96J	100J		330
Pyrene			350	170J		330
Butylbenzylphthalate			U	U		660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate		89J	120J	170J	110J	330
Chrysene		U	U	100J	U	330
Di-n-Octyl Phthalate			U	U		330
Benzo(b)fluoranthene			170J	87J		330
Benzo(k)fluoranthene			U	U		330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.24
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Dilution Factor: 1.0					Lower Limits of Detection with no Dilution
	Method Blank I.D.: ~~1H6-8(B)~~ 3879					
	1P10 8'-10'					
Phenol	U					330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.25
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0					
Method Blank I.D.	(1-10-96B)					
Compound	3879 1P10 8'-10'					Lower Limits of Detection with no Dilution
Acenaphthene	U					330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate						330
Fluoranthene						330
Pyrene						330
Butylbenzylphthalate						660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate	130J					330
Chrysene	U					330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.26
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-25-86 Method Blank	11-25-86 3865 1P17 1'-2'	11-25-86 3880 1P13 0-1'	11-25-86 3881 1P13 1'-2'	11-25-86 3882 1P13 2'-4'	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.27
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-25-86 Method Blank	11-25-86 3865 1P17 1'-2'	11-25-86 3880 1P13 0-1'	11-25-86 3881 1P13 1'-2'	11-25-86 3882 1P13 2'-4'	Lower Limits of Detection with no Dilution
Compound						
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate			95J			330
Fluoranthene			32J			330
Pyrene			43J			330
Butylbenzylphthalate			U			660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate	230J	97JB	130JB		120JB	330
Chrysene	U	U	U		U	330
Di-n-Octyl Phthalate		22J				330
Benzo(b)fluoranthene		U				330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.28
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0					
Method Blank I.D.	11-25-86					
	3883					
	1P13					
	4'-6'					
Phenol	U					330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.29
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0					
Method Blank I.D.	11-25-86					
Compound	3883 1P13 4'-6'					Lower Limits of Detection with no Dilution
Acenaphthene	U					330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate						330
Fluoranthene						330
Pyrene						330
Butylbenzylphthalate						660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate						330
Chrysene						330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.30
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Compound	Method Blank I.D. 12-1-86 Method Blank	12-1-86 3884 1P-11 0-1'	12-1-86 3885 1P-11 2'-4'	12-1-86 3886 1P-11 4'-6'	12-1-86 3887 1P-11 6'-8'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline	↓	↓	↓	↓	↓	1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.31
CLIENT NYSDEC
JOB # 30870.0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-1-86 Method Blank	12-1-86 3884 1P-11 0-1'	12-1-86 3885 1-P11 2'-4'	12-1-86 3886 1-P11 4'-6'	12-1-86 3887 1P11 6'-8'	Lower Limits of Detection with no Dilution
Compound						
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene						330
Anthracene						330
Di-n-Butylphthalate						330
Fluoranthene						330
Pyrene						330
Butylbenzylphthalate						660
3,3'-Dichlorobenzidine						330
Benzo(a)Anthracene						330
bis(2-Ethylhexyl)Phthalate		120J	58J			330
Chrysene		U	U			330
Di-n-Octyl Phthalate						330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.32
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound	12-1-86 3888 1P-1 1'-2'	12-1-86 3889 1P-1 0-1'	12-1-86 3890 1P-1 2'-4'	12-1-86 3891 1P-4 4'-6'	12-1-86 3892 1P-1 6'-8'	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Phenol	U	U	U	U	U	330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene			100J			330
Benzyl Alcohol			U			330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene						330
4-Chloroaniline						330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.33
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-1-86	12-1-86	12-1-86	12-1-86	12-1-86	
	3888	3889	3890	3891	3892	Lower Limits of Detection with no Dilution
	1P-1	1P1	1P-1	1P-1	1P-1	
Compound	1'-2'	0-1'	2'-4'	4'-6'	6'-8'	
Acenaphthene	U	U	U	U	U	330
2,4-Dinitrophenol						1,600
4-Nitrophenol						1,600
Dibenzofuran						330
2,4-Dinitrotoluene						330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene						330
4-Nitroaniline						1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene		360				330
Anthracene		U				330
Di-n-Butylphthalate		U				330
Fluoranthene		370				330
Pyrene		430				330
Butylbenzylphthalate		U				660
3,3'-Dichlorobenzidine		U				330
Benzo(a)Anthracene		260J				330
bis(2-Ethylhexyl)Phthalate		U	75J	87J	340	330
Chrysene		300J	U	U	U	330
Di-n-Octyl Phthalate		U				330
Benzo(b)fluoranthene						330
Benzo(k)fluoranthene						330
Benzo(a)pyrene						330
Indeno(1,2,3-cd)pyrene						330
Dibenzo(a,h)anthracene						330
Benzo(g,h,i)perylene						330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.34
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

All results reported in ug/Kg.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	12-1-86	12-1-86	12-1-86			
	3893	3894	3895			
	1A-5	1P-3	1P-2			
	Grab	Grab	Grab			
	0-1'	0-1'	0-1'			
Phenol	U	U	U			330
bis(2-Chloroethyl)Ether						330
2-Chlorophenol						330
1,3-Dichlorobenzene						330
1,4-Dichlorobenzene						330
Benzyl Alcohol						330
1,2-Dichlorobenzene						330
2-Methylphenol						330
bis(2-chloroisopropyl)ether						330
4-Methylphenol						330
N-Nitroso-Di-n-propylamine						330
Hexachloroethane						330
Nitrobenzene						330
Isophorone						330
2-Nitrophenol						330
2,4-Dimethylphenol						330
Benzoic Acid						1,600
bis(-2-Chloroethoxy)Methane						330
2,4-Dichlorophenol						330
1,2,4-Trichlorobenzene						330
Naphthalene				16J		330
4-Chloroaniline				U		330
Hexachlorobutadiene						330
4-Chloro-3-methylphenol						330
2-Methylnaphthalene						330
Hexachlorocyclopentadiene						330
2,4,6-Trichlorophenol						330
2,4,5-Trichlorophenol						1,600
2-Chloronaphthalene						330
2-Nitroaniline						1,600
Dimethyl Phthalate						330
Acenaphthylene						330
3-Nitroaniline						1,600

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.35
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Soil

All results reported in ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	121-86	121-86	121-86			
	3893	3894	3895			Lower Limits of Detection with no Dilution
	1P-5	1P3	1P2			
Compound	Grab	Grab	Grab			
	0-1'	0-1'	0-1'			
Acenaphthene	U	96J	U			330
2,4-Dinitrophenol		U				1,600
4-Nitrophenol		U				1,600
Dibenzofuran		36J				330
2,4-Dinitrotoluene		U				330
2,6-Dinitrotoluene						330
Diethylphthalate						330
4-Chlorophenyl-phenylether						330
Fluorene		120J				330
4-Nitroaniline		U				1,600
4,6-Dinitro-2-methylphenol						1,600
N-Nitrosodiphenylamine						330
4-Bromophenyl-phenylether						330
Hexachlorobenzene						330
Pentachlorophenol						1,600
Phenanthrene	330	1300	550			330
Anthracene	64J	270J	94J			330
Di-n-Butylphthalate	U	U	U			330
Fluoranthene	460	1900	740			330
Pyrene	650	3000	1000			330
Butylbenzylphthalate	U	U	U			660
3,3'-Dichlorobenzidine	U	U	U			330
Benzo(a)Anthracene	270J	1200	420			330
bis(2-Ethylhexyl)Phthalate	99J	630	210J			330
Chrysene	320J	1200	470			330
Di-n-Octyl Phthalate	U	13J	U			330
Benzo(b)fluoranthene	150J	1100	350			330
Benzo(k)fluoranthene	U	850	370			330
Benzo(a)pyrene	190J	1000	360			330
Indeno(1,2,3-cd)pyrene	U	650	180J			330
Dibenzo(a,h)anthracene		U	U			330
Benzo(g,h,i)perylene		700	U			330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.36
CLIENT NYSDEC
JOB # 30570-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	11-26-86 Method Blank	11-26-86 Trip Blank 3833	11-26-86 Field Blank 3834			Lower Limits of Detection with no Dilution
Compound						
Phenol	U	U	U			10
bis(2-Chloroethyl)Ether						10
2-Chlorophenol						10
1,3-Dichlorobenzene						10
1,4-Dichlorobenzene						10
Benzyl Alcohol						10
1,2-Dichlorobenzene						10
2-Methylphenol						10
bis(2-chloroisopropyl)ether						10
4-Methylphenol						10
N-Nitroso-Di-n-propylamine						10
Hexachloroethane						10
Nitrobenzene						10
Isophorone						10
2-Nitrophenol						10
2,4-Dimethylphenol						10
Benzoic Acid						50
bis(-2-Chloroethoxy)Methane						10
2,4-Dichlorophenol						10
1,2,4-Trichlorobenzene						10
Naphthalene						10
4-Chloroaniline						10
Hexachlorobutadiene						10
4-Chloro-3-methylphenol						10
2-Methylnaphthalene						10
Hexachlorocyclopentadiene						10
2,4,6-Trichlorophenol						10
2,4,5-Trichlorophenol						50
2-Chloronaphthalene						10
2-Nitroaniline						50
Dimethyl Phthalate						10
Acenaphthylene						10
3-Nitroaniline	✓	✓	✓			50

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.37
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	11-26-86 Method Blank	11-26-86 Trip Blank 3833	11-26-86 Field Blank 3834			
Acenaphthene	U	U	U			10
2,4-Dinitrophenol						50
4-Nitrophenol						50
Dibenzofuran						10
2,4-Dinitrotoluene						10
2,6-Dinitrotoluene						10
Diethylphthalate						10
4-Chlorophenyl-phenylether						10
Fluorene						10
4-Nitroaniline						50
4,6-Dinitro-2-methylphenol						50
N-Nitrosodiphenylamine						10
4-Bromophenyl-phenylether						10
Hexachlorobenzene						10
Pentachlorophenol						50
Phenanthrene						10
Anthracene						10
Di-n-Butylphthalate						10
Fluoranthene						10
Pyrene						10
Butylbenzylphthalate						10
3,3'-Dichlorobenzidine						20
Benzo(a)Anthracene						10
bis(2-Ethylhexyl)Phthalate						10
Chrysene						10
Di-n-Octyl Phthalate						10
Benzo(b)fluoranthene						10
Benzo(k)fluoranthene						10
Benzo(a)pyrene						10
Indeno(1,2,3-cd)pyrene						10
Dibenzo(a,h)anthracene						10
Benzo(g,h,i)perylene						10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 3.0
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-11-86 Method Blank	11-11-86 SB-1P4 0.5' 3800	11-11-86 3804 SB-1P4 0.5'-2'	11-11-86 3801 SB1P4 6'-8'	11-11-86 3802 SB1P4 4'-6'	
Compound						CRDL
alpha BHC	U	U	U	11	U	8.0
beta BHC				U	15	8.0
gamma BHC					U	8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide		2.6 J				8.0
Toxaphene		U				160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
D - See Appendix for definition.

ABLE 3.1
LIENT NYSDEC
OB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

ilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-11-86	11-11-86	11-11-86	11-11-86	11-11-86	
	3803	3806	3807	3808	3805	
	SB-1P4	SB-1P5	SB-1R5	SB-1P5	SB-1P4	
Compound	2'-4'	0-2'	2'-4'	4'-6'	8'-10'	CRDL
lpha BHC	U	U	U	U	U	8.0
eta BHC	137					8.0
gamma BHC	U					8.0
elta BHC						8.0
eptachlor						8.0
Aldrin						8.0
,4' DDE						16.0
ieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
drin Ketone						16.0
,4' DDT						16.0
Chlordane						80.0
ndosulfan I						8.0
ndosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
eptachlor Epoxide						8.0
oxaphene						160.0
PCB - 1016						80.0
CB - 1221						80.0
CB - 1232						80.0
PCB - 1242						80.0
CB - 1248						80.0
CB - 1254						160.0
CB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

TABLE 3.2
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86 Method Blank	11-18-86 3849 1P16-0-1'	11-18-86 3850 1P16 1'-2'	11-18-86 3851 1P16 2'-4'	11-18-86 3852 1P16 4'-6'	
Compound						CRDL
Alpha BHC	U	U	U	U	U	8.0
Beta BHC	↓	↓	↓	↓	↓	8.0
gamma BHC	↓	↓	↓	↓	↓	8.0
Delta BHC	↓	↓	↓	↓	↓	8.0
Heptachlor	↓	↓	↓	↓	↓	8.0
Aldrin	↓	↓	↓	↓	↓	8.0
4,4' DDE	↓	↓	↓	↓	↓	16.0
Dieldrin	↓	↓	↓	↓	↓	16.0
4,4' DDD	↓	↓	↓	↓	↓	16.0
Methoxychlor	↓	↓	↓	↓	↓	80.0
Endrin Ketone	↓	↓	↓	↓	↓	16.0
4,4' DDT	↓	↓	↓	↓	↓	16.0
Chlordane	↓	↓	↓	↓	↓	80.0
Endosulfan I	↓	↓	↓	↓	↓	8.0
Endosulfan II	↓	↓	↓	↓	↓	16.0
Endosulfan Sulfate	↓	↓	↓	↓	↓	16.0
Endrin	↓	↓	↓	↓	↓	16.0
Heptachlor Epoxide	↓	↓	↓	↓	↓	8.0
Toxaphene	↓	↓	↓	↓	↓	160.0
PCB - 1016	↓	↓	↓	↓	↓	80.0
PCB - 1221	↓	↓	↓	↓	↓	80.0
PCB - 1232	↓	↓	↓	↓	↓	80.0
PCB - 1242	↓	↓	↓	↓	↓	80.0
PCB - 1248	↓	↓	↓	↓	↓	80.0
PCB - 1254	↓	↓	↓	↓	↓	160.0
PCB - 1260	↓	↓	↓	↓	↓	160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

TABLE 3.3
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86 3853 1P16 6'-8'	11-18-86 3854 1P8 0-1'	11-18-86 3855 1P8 1'-2'	11-18-86 3856 1P8 4'-6'	11-18-86 3857 1P8 2'-4'	CRDL
Compound						
Alpha BHC	U	U	U	U	U	8.0
Beta BHC				34		8.0
Gamma BHC				U		8.0
Delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.4
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Compound	3858 IP8 6'-8'	3859 IP8 8'-10'	3860 IP15 0-1'	3861 IP15 2'-4'	3862 IP15 4'-6'	CRDL
alpha BHC	13	U	U	U	U	8.0
beta BHC	21					8.0
gamma BHC	U					8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.5
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
	3863	3864	3865	3866	3867	
	1P15	1P15	1P17	1P17	1P17	
Compound	6'-8'	8'-10'	1'-2'	0-1'	2'-4'	CRDL
Alpha BHC	U	U	U	U	U	8.0
Beta BHC						8.0
gamma BHC						8.0
Delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

[redacted] - See Appendix for definition.
[redacted] - See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.6
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Compound	3868 1P12 0-1'	3869 1P12 0-2'	3870 1P12 2'-4'	3835 1P3 0-2'	3836 1P3 2'-4'	CRDL
alpha BHC	U	U	U	U	U	8.0
beta BHC					13	8.0
gamma BHC					U	8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

TABLE 3.7
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
Compound	3837 1P3 6'-8'	3738 1P3 8-10'	3839 1P2 0-2'	3840 1P2 2'-4'	3841 1P2 4'-6	CRDL
alpha BHC	U	U	U	U	U	8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

TABLE 3.8
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86 3842 1P2	11-18-86 3843 1P9	11-18-86 3844 1P9	11-18-86 3845 1P9	11-18-86 3846 1P9	
Compound	6'-8'	1'-2'	0'-1'	2'-4'	4'-6'	CRDL
Alpha BHC	U	U	U	U	U	8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide	0.55J					8.0
Toxaphene	U					160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
R - See Appendix for definition.

TABLE 3.9
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86 3847 1P9 6'-8'	11-18-86 3848 1P9 8'-10'	11-18-86 3871 1P6 0-1'	11-18-86 3872 1P6 2'-4'	11-18-86 3873 1P6 4'-6'	CRDL
Compound						
alpha BHC	U	U	U	U	U	8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

TABLE 3.10
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-18-86	11-18-86	11-18-86	11-18-86	11-18-86	
	3874	3875	3876	3877	3878	
	1 P10	1 P10	1 P10	1 P10	1 P10	
Compound	0-1'	1'-2'	2'-4'	4'-6'	6'-8'	CRDL
alpha BHC	U	U	U	U	.20	8.0
beta BHC					15	8.0
gamma BHC					U	8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT					2.2J	16.0
Chlordane					U	80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

- See Appendix for definition.
- See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

TABLE 3.11
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0					
Method Blank I.D.	11-18-86					
Compound	3879 1P10 8-101					CRDL
Alpha BHC	U					8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide	0.69J					8.0
Toxaphene	U					160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

TABLE 3.12
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	11-25-86 Method Blank	11-25-86 3880 1P13 0-1'	11-25-86 3881 1P13 1'-2'	11-25-86 3882 1P13 2'-4'	11-25-86 3883 1P13 4'-6'	
Compound						CRDL
Alpha BHC	U	U	U	U	U	8.0
Beta BHC						8.0
gamma BHC						8.0
Delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.13
CLIENT NYSDEC
JOB # 30570-05373

EPA HSL
PESTICIDES/PCB's

Aqueous

All Results Reported as ug/L.

Sample Identification

Compound	Method Blank	Trip Blank 3833	Field Blank 3834			CRDL
Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	11-26-86	11-26-86	11-26-86			
alpha BHC	U	U	U			.05
beta BHC						.05
gamma BHC						.05
delta BHC						.05
Heptachlor						.05
Aldrin						.05
4,4' DDE						.10
Dieldrin						.10
4,4' DDD						.10
Methoxychlor						.50
Endrin Ketone						.10
4,4' DDT						.10
Chlordane						.50
Endosulfan I						.05
Endosulfan II						.10
Endosulfan Sulfate						.10
Endrin						.10
Heptachlor Epoxide						.05
Toxaphene						1.0
PCB - 1016						.50
PCB - 1221						.50
PCB - 1232						.50
PCB - 1242						.50
PCB - 1248						.50
PCB - 1254						1.0
PCB - 1260						1.0

*U - See Appendix for definition.
*J - See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.14
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-1-86 Method Blank	12-1-86 3884 IP-11 0-1'	12-1-86 3885 IP11 2'-4'	12-1-86 3886 IP11 4'-6'	12-1-86 3887 IP11 6'-8'	
Compound						CRDL
alpha BHC	U	U	U	U	U	8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
D - See Appendix for definition.

TABLE 3.15
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-1-86	12-1-86	12-1-86	12-1-86	12-1-86	
	3888	3889	3890	3891	3892	
	1P-1	1P1	1P-1	1P-1	1P-1	
Compound	1'-2'	0-1'	2'-4'	4'-6'	6'-8'	CRDL
Alpha BHC	U	U	U	U	U	8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

TABLE 3.16
CLIENT NYSDEC
JOB # 30870-0240

EPA HSL
PESTICIDES/PCB's

Soil

All Results Reported as ug/Kg.

Sample Identification

Dilution Factor	1.0	1.0	1.0			
Method Blank I.D.	12-1-86	12-1-86	12-1-86			
	3893	3894	3895			
	1P-5	1P-3	1P-2			
Compound	Grab 0-1'	Grab 0-1'	Grab 0-1'			CRDL
Alpha BHC	U	U	U			8.0
beta BHC						8.0
gamma BHC						8.0
delta BHC						8.0
Heptachlor						8.0
Aldrin						8.0
4,4' DDE						16.0
Dieldrin						16.0
4,4' DDD						16.0
Methoxychlor						80.0
Endrin Ketone						16.0
4,4' DDT						16.0
Chlordane						80.0
Endosulfan I						8.0
Endosulfan II						16.0
Endosulfan Sulfate						16.0
Endrin						16.0
Heptachlor Epoxide						8.0
Toxaphene						160.0
PCB - 1016						80.0
PCB - 1221						80.0
PCB - 1232						80.0
PCB - 1242						80.0
PCB - 1248						80.0
PCB - 1254						160.0
PCB - 1260						160.0

U - See Appendix for definition.
[illegible] - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

4.0
NYSDEC
30870-0240

Soil

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3800 SB-1P4 0.5'	3804 SB-1P4 0.5'-2'	3801 SB-1P4 6'-8'	3802 SB-1P4 4'-6'	3803 SB-1P4 2'-4'	3806 SB-1P5 0-2'
Aluminum	8530 P	6710 P	8120 P	11,700 P	11,700 P	6720 P
Antimony	86.2 PN	209 PN	27.1 PN	26.5 PN	34.4 PN	56.6 PN
Arsenic	2.3 U F	2.1 U F	6.3+S F	350 F	32.9 F	4.7+S F
Barium	150 PN	82.5 PN	117 PN	469 PN	565 PN	150 PN
Beryllium	3.4 PN	1.1 PN	[1.2] PN	2.3 PN	2.1 PN	1.2 PN
Cadmium	4.5 PN	133 PN	3.6 PN	3.0 PN	4.8 PN	5.4 PN
Calcium	202,000 A	68,600 A	5840 A	6220 A	5720 A	45,000 A
Chromium	14 P*	336 P*	15 P*	34.0 P*	34.4 P*	27.1 P*
Cobalt	11 U PN	11 U PN	15 U PN	19 U PN	17 PN	17 PN
Copper	9.1 PN*	33.9 PN*	27.1 PN*	19 U PN*	27.5 PN*	27.1 PN*
Iron	2630 P	3700 P	18,100 P	16,200 P	28,000 P	34,000 P
Lead	127 P	14 F	114 P	13 F	8.3 F	76.3 P
Magnesium	33900*A	18,100*A	2040*A	[1770]*A	1960*A	7020*A
Manganese	1490 PN	328 PN	406 PN	147 PN	138 PN	653 PN
Mercury	0.11 U CVAA	0.1 U CVAA	0.27 CVAA	0.29 CVAA	0.2 U CVAA	0.1 U CVAA
Nickel	18 PN*	17 PN*	30.1 PN*	41.6 PN*	41.3 PN*	41.9 PN*
Potassium	[1060]*A	[788]*A	[869]*A	[1680]*A	[1420]*A	3550*A
Selenium	2.3 U NF	2.2 U NF	3.1 U NF	4.1 U NF	3.6 U NF	2.4 U NF
Silver	2.3 U PN	2.1 U PN	3.0 U PN	3.8 U PN	3.4 U PN	2.5 U PN
Sodium	[745] A	[410] A	300 U A	[779] A	[658] A	250 U A
Thallium	2.3 U F	2.2 U F	3.1 U F	4.1 U F	3.6 U F	2.4 U F
Vanadium	18 PN	19 PN	18 PN	45.4 PN	44.8 PN	41.9 PN
Zinc	70.3 P*	18,200 P*	105 P*	125 P*	124 P*	73.9 P*
Molybdenum	229 P	129 P	75.2 U P	94.6 U P	86.1 U P	108 P
Titanium	760 P	239 P	57.1 P	696 P	689 P	199 P

4.1
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3807 SB-1P5 2'-4'	3808 SB-1P5 4'-6'	3805 SB-1P4 8'-10'	3849 1P16 0-1'	3850 1P16 1'-2'	3851 1P16 2'-4'
Aluminum	6770 P	7100 P	10,700 P	4850 P	4450 P	4200 P
Antimony	24.4 PN	87.0 PN	24.1 PN	22.6 PN*	24.2 PN*	25.6 PN*
Arsenic	2.4 UF	2.6 F	6.9 UF	5.95 F	6.0 SF	4.3 SF
Barium	78.2 PN	87.2 PN	144 PN	62.8 PN	60.5 PN	88.6 PN
Beryllium	[0.73] PN	[1.1] PN	[1.0] PN	[0.75] PN	[0.72] PN	[0.93] PN
Cadmium	3.9 PN	3.4 PN	4.8 PN	2.8 PN*	2.9 PN*	3.5 PN*
Calcium	19,200 A	18,600 A	5900 A	3630 A	8840 A	8580 A
Chromium	20 P*	21.1 P*	27.5 P*	37.7 P	50.8 P	34.9 P
Cobalt	15 PN	13 PN	17 UPN	12 UPN	14 PN	12 PN
Copper	22 PN*	18 PN*	20.6 PN*	27.6 PN*	29.0 PN*	37.3 PN*
Iron	24,400 P	21,000 P	21,000 P	16,800 P	18,300 P	20,000 P
Lead	12 F	9.2 F	109 P	22.7 F	21.5 F	26.4 F
Magnesium	7960* A	5110* A	3360* A	4770* A	3990* A	3480* A
Manganese	359 PN	399 PN	303 PN	351 PN*	641 PN*	329 PN*
Mercury	0.1 UCVAA	0.1 UCVAA	0.25 CVAA	0.17 CVAA	0.14 CVAA	0.31 CVAA
Nickel	31.8 PN*	31.7 PN*	41.3 PN*	27.6 P	26.6 P	44.3 P
Potassium	1300* A	1330* A	[1180]* A	[949]* A	[748]* A	[823]* A
Selenium	2.4 UNF	2.6 UNF	3.4 UNF	2.4 UNF	2.4 UNF	2.4 UNF
Silver	2.4 UPN	2.6 UPN	3.4 UPN	2.5 UPN	2.4 UPN	2.3 UPN
Sodium	240 UA	260 UA	340 UA	250 UA	240 UA	230 UA
Thallium	2.4 UF	2.6 UF	3.4 UF	2.4 UF	2.4 UF	2.4 UF
Vanadium	22.0 PN	23.8 PN	27.5 PN	22.6 PN*	21.8 PN*	21.0 PN*
Zinc	97.8 P*	89.8 P*	182 P*	67.8 P	75.0 P	86.2 P
Molybdenum	68.4 P	66.0 UP	86.0 UP	62.8 UP	60.5 P	58.3 UP
Titanium	92.9 P	84.5 P	51.6 P	158 P	121 P	90.9 P

4.2
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3852 IP16 4'-6'	3853 IP16 6'-8'	3854 IP8 0-1'	3855 IP8 1'-2'	3856 IP8 4'-6'	3857 IP8 2'-4'
Aluminum	5480 P	4780 P	4400 P	11,900 P	9620 P	9620 P
Antimony	56.3 PN*	41.2 PN*	13 PN*	30.5 PN*	33.2 PN*	22.0 PN*
Arsenic	5.0 S F	2.3 U F	3.9 S F	9.5 F	7.8 +S F	4.8 S F
Barium	120 PN	107 PN	64.7 PN	186 PN	86.8 PN	66.2 PN
Beryllium	[0.2] PN	[0.83] PN	[0.67] PN	1.7 PN	[0.76] PN	[0.66] PN
Cadmium	8.8 PN*	5.4 PN*	3.6 PN*	2.8 PN*	3.3 PN*	2.6 PN*
Calcium	2910 A	[883] A	3360 A	21,600 A	16,200 A	3510 A
Chromium	31.8 P	19 P	16 P	25.0 P	84.2 P	59.5 P
Cobalt	20 PN	22.7 PN	18 PN	14 U PN	13 U PN	11 PN
Copper	9.8 PN*	12 PN*	16 PN*	22.2 PN*	20.4 PN*	13 PN*
Iron	72,000 P	32,200 P	18,700 P	19,600 P	22,000 P	17,400 P
Lead	80.8 P	13 F	12 F	17 F	81.7 P	32.2 F
Magnesium	2550* A	4030* A	2380* A	3500* A	5150* A	3980* A
Manganese	1480 PN*	573 PN*	971 PN*	222 PN*	286 PN*	218 PN*
Mercury	0.1 U CVAA	0.1 U CVAA	0.1 U CVAA	0.66 CVAA	0.1 U CVAA	0.1 U CVAA
Nickel	39.1 P	31.0 P	26.8 P	25.0 P	28.1 P	22.0 P
Potassium	[1010]* A	1100* A	[683]* A	[1180]* A	[868]* A	[953]* A
Selenium	2.2 U NF	2.3 U NF	2.3 U NF	2.6 U NF	2.4 U NF	2.6 U NF
Silver	2.4 U PN	21 U PN	2.2 U PN	2.8 U PN	2.6 U PN	2.2 U PN
Sodium	240 U A	210 U A	220 U A	[397] A	260 U A	220 U A
Thallium	2.2 U F	2.3 U F	2.3 U F	2.6 U F	2.4 U F	2.6 U F
Vanadium	34.3 PN*	28.9 PN*	22.3 PN*	30.5 PN*	23.0 PN*	20 PN*
Zinc	127 P	118 P	75.9 P	44.4 P	56.2 P	55.1 P
Molybdenum	61.2 U P	51.7 P	55.8 U P	69.3 U P	63.8 U P	55.1 U P
Titanium	51.4 P	120 P	60.3 P	452 P	97.0 P	108 P

4.3
NYS DEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3858 IP8 6'-8'	3859 IP8 8'-10'	3860 IP15 0-1'	3861 IP15 2'-4'	3862 IP15 4'-6'	3863 IP15 6'-8'
Aluminum	12,600 P	12,300 P	6,290 P	13,200 P	14,600 P	11,400 P
Antimony	37.5 PN*	52 PN	41 PN	44 PN	75 PN	30 PN
Arsenic	8.3 F	5.3 NSF	2.9 SN	71 SNF	23 SNF	3.3 SNF
Barium	268 PN	67 P	43 P	312 P	103 P	[50] P
Beryllium	2.0 PN	[0.75] P	0.59 UP	2.2 P	1.4 P	[0.75] P
Cadmium	3.5 PN*	6.0 P*	2.4 P*	4.0 P*	11 P*	5.0 P*
Calcium	23,100 A	1510 A	44,700 A	11,300 A	2900 A	[940] A
Chromium	17 P	17 PN	9.9 PN	11 PN	23 PN	15 PN
Cobalt	14 UPN	17 P	9.9 UP	18 UP	17 P	12 UP
Copper	20.2 PN*	35 P*	14 P*	26 P*	11 P*	28 P*
Iron	25,500 P	46,000 P	11,900 P	25,300 P	86,600 P	23,400 P
Lead	25.4 F	70 PN	45 PN	13 F	101 PN	13 S F
Magnesium	2470* A	4230 A	12,200 A	2080 A	2900 A	3490 A
Manganese	320 PN*	1140 PN	308 PN	138 PN	1670 PN	414 PN*
Mercury	0.2 UCVAA	0.12 UCVAA	0.16 CVAA	0.26 CVAA	0.13 UCVAA	0.12 UCVAA
Nickel	26.0 P	47 P	22 P	29 P	40 P	35 P
Potassium	[1507]* A	1380 A	[550] A	[1130] A	[1080] A	[804] A
Selenium	3.3 UNF	1.2 UNF	1.1 UNF	2.3 SNF	1.4 UNF	1.2 UNF
Silver	2.9 UPN	2.5 UPN	2.0 UPN	3.7 UPN	2.9 UPN	2.5 UPN
Sodium	[652] A	250 UA	200 UA	[690] A	290 UA	[320] A
Thallium	3.3 UF	1.2 F	1.1 UF	1.8 UF	1.4 UF	1.2 UF
Vanadium	40.4 PN*	30 P	16 P	59 P	43 P	25 P
Zinc	37.5 P	90 PN	47 PN	26 PN	150 PN	75 P
Molybdenum	72.1 UP	62 UP	85 P	92 UP	72 UP	63 UP
Titanium	597 P	88 P	122 P	815 P	95 P	161 P

4.4
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3864 IP15 8'-10'	3865 IP17 1'-2'	3866 IP17 0-1'	3867 IP17 2'-4'	3868 IP12 0-1'	3869 IP12 0-2'
Aluminum	16,700P	17,900P	13,800P	12,500P	10,600P	15,400P
Antimony	44 PN	76 PN	48 PN	48 PN	52 PN	76 PN
Arsenic	5 UF	3.1 SNF	4.2 SNF	[1.9] SNF	4.6 SNF	2.7 SNF
Barium	72 P	153 P	85 P	89 P	93 P	111 P
Beryllium	[0.85] P	[0.95] P	[0.69] P	[0.91] P	[0.68] P	[0.94] P
Cadmium	4.0 P*	6.2 P*	4.1 P*	1.4 P*	1.3 P*	2.6 P*
Calcium	1910 A	50,200 A	20,700 A	5450 A	24,200 A	61,400 A
Chromium	21 PN	24 PN	18 PN	16 PN	23 PN	24 PN
Cobalt	10 UP	12 P	11 UP	11 UP	11 UP	16 P
Copper	30 P*	29 P*	25 P*	18 P*	27 P*	24 P*
Iron	19,600P	31,700P	25,300P	20,400P	23,500P	29,800P
Lead	57 PN	79 PN	64 PN	57 PN	63 PN	76 PN
Magnesium	5570 A	12,600 A	7850 A	3820 A	8050 A	17,900 A
Manganese	178 PN*	702 PN*	532 PN*	216 PN*	407 PN*	747 PN*
Mercury	0.12 UCVAA	0.12 UCVAA	0.12 UCVAA	0.12 CVAA	0.12 UCVAA	0.11 UCVAA
Nickel	36 P	43 P	37 P	18 P	23 P	33 P
Potassium	1320 A	2350 A	1410 A	[760] A	1320 A	2720 A
Selenium	1.1 UNF	1.2 UNF	1.2 UNF	1.2 UNF	1.1 UNF	1.2 UNF
Silver	2.1 UPN	2.4 UPN	2.3 UPN	2.3 UPN	2.3 UPN	2.4 UPN
Sodium	[220] A	240 U A	230 U A	230 U A	230 U A	230 U A
Thallium	1.1 UF	1.2 UF	1.2 UF	1.2 UF	1.1 UF	1.2 UF
Vanadium	21 P	36 P	30 P	25 P	25 P	33 P
Zinc	119 PN	81 PN	78 PN	64 PN	88 PN	99 PN
Molybdenum	63 P	112 P	76 P	57 UP	68 P	132 P
Titanium	161 P	200 P	143 P	109 P	145 P	149 P

4.5
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3870 1P12 2'-4'	3835 1P3 0-2'	3836 1P3 2'-4'	3837 1P3 6'-8'	3838 1P3 8'-10'	3839 1P2 0-2'
Aluminum	13,100 P	8,780 P	15,300 P	13,600 P	12,200 P	5600 P
Antimony	66 PN	45 PN	60 PN	59 PN	48 PN	39 PN
Arsenic	3.8 SNF	18 SNF	26 SNF	6.6 SNF	6.2 SNF	15 SN F
Barium	95 P	177 P	354 P	167 P	56 P	62 P
Beryllium	[0.95] P	[0.91] P	2.3 P	[0.94] P	[0.80] P	[1.1] P
Cadmium	1.7 P*	2.0 P*	2.7 P*	3.5 P*	2.4 P*	2.1 P*
Calcium	48,000 A	24,900 A	15,300 A	3600 A	3240 A	34,800 A
Chromium	19 PN	46 PN	17 PN	24 PN	19 PN	58 PN
Cobalt	12 P	11 UP	17 UP	52 P	19 P	11 UP
Copper	19 P*	23 P*	23 P*	19 P*	16 P*	14 P*
Iron	24,000 P	20,000 P	34,400 P	53,300 P	25,300 P	8590 P
Lead	64 PN	177 PN	15 F	75 PN	26 SF	51 PN
Magnesium	11,200 A	8870 A	1980 A	3830 A	3980 A	16,300 A
Manganese	590 PN*	197 PN*	134 PN*	3,000 PN*	506 PN*	236 PN*
Mercury	0.11 UCVAA	0.48 CVAA	0.36 CVAA	0.12 UCVAA	0.13 UCVAA	1.5 CVAA
Nickel	24 P	18 P	20 P	40 P	29 P	11 P
Potassium	1660 A	[1050] A	[1090]	[1020] A	[760] A	[702] A
Selenium	1.1 UNF	1.2 UNF	1.6 UNF	1.3 UNF	1.2 UNF	1.1 UNF
Silver	2.4 UPN	2.3 UPN	3.3 UPN	2.4 UPN	2.7 UPN	2.3 UPN
Sodium	240 U A	230 U A	[705] A	240 U A	270 U A	230 U A
Thallium	1.1 U F	1.2 UF	1.6 U F	1.3 U F	1.2 UF	1.1 U F
Vanadium	28 P	23 P	53 P	35 P	19 P	30 P
Zinc	62 PN	120 PN	29 PN	151 PN	107 PN	53 PN
Molybdenum	90 P	66 P	83 UP	59 UP	67 UP	104 P
Titanium	112 P	170 P	625 P	137 P	115 P	292 P

4.6
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3840 IP2 2'-4'	3841 IP2 4'-6'	3842 IP2 6'-8'	3843 IP9 1'-2'	3844 IP9 0-1'	3845 IP9 2'-4'
Aluminum	15,900 P	13,000 P	10,600 P	7680 P	6070 P	6820 P
Antimony	72 PN	56 PN	39 P	52 P	34 P	30 P
Arsenic	4.4 SNF	3.9 SNF	8.2 SF	96 SF	[1.8] SF	105 SF
Barium	99 P	82 P	68 P	195 P	46 UP	265 P
Beryllium	1.6 P	[0.77] P	0.72 UP	[1.2] P	0.69 P	0.89 UP
Cadmium	4.0 P*	3.6 P*	4.3 P	6.7 P	1.6 P	2.7 P
Calcium	63,700 A	19,200 A	1360 A	4350 A	45,300 A	6910 A
Chromium	18 PN	23 PN	17 P	17 P	2.3 P	8.9 P
Cobalt	11 UP	13 UP	14 P	14 UP	11 UP	15 UP
Copper	30 P*	18 P*	29 P	23 P	9.2 P	15 P
Iron	19,200 P	21,900 P	43,000 P	55,900 P	4850 P	11,600 P
Lead	19 F	21 SF	13 F	148 P	10 SF	6.4 F
Magnesium	20,100 A	6270 A	3320 *A	[754] *A	9,100 *A	[1150] *A
Manganese	536 PN*	298 PN*	422 P	75 P	241 P	68 P
Mercury	0.12 CVAA	0.20 CVAA	0.11 UCVAA	0.32 CVAA	0.11 UCVAA	0.20 CVAA
Nickel	18 P	15 P	34 P	20 P	9.2 UP	12 UP
Potassium	1580 A	[2280] A	[765] A	[780] A	[354] A	[688] A
Selenium	1.1 UNF	1.3 UNF	1.1 UF	1.5 UF	1.0 UF	1.4 UF
Silver	2.2 UPN	2.6 UPN	2.4 UP	2.9 UP	2.3 UP	3.0 P
Sodium	[249] A	260 UA	241 UA	[419] A	230 U	[378] A
Thallium	1.1 UF	1.3 UF	1.1 UF	3.1 UF	1.0 UF	1.4 UF
Vanadium	22 P	23 P	24 P	52 P	11 UP	36 P
Zinc	76 PN	62 PN	84 P	44 P	76 P	18 P
Molybdenum	128 P	[64] P	60 UP	73 UP	126 P	74 UP
Titanium	269 P	74 P	140 P	518 P	83 P	426 P

4.7
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3846 1P9 4'-6'	3847 1P9 6'-8'	3848 1P9 8'-10'	3871 1P6 0-1'	3872 1P6 2-4'	3873 1P6 4'-6'
Aluminum	11,500P	10,500P	15,100P	8710P	15,000P	15,300P
Antimony	36 P	31 P	65 P	21 P	58 P	43 P
Arsenic	81 SF	5.7SF	4.3 SF	14S F	[2.2]SF	3.1 SF
Barium	143 P	41 UP	56 P	58 P	76 P	179 P
Beryllium	0.97UP	0.61 UP	0.67UP	0.80 UP	0.69UP	0.68 UP
Cadmium	4.2 P	3.1 P	6.2 P	2.9 P	3.9 P	4.3 P
Calcium	5830 A	[836] A	2780 A	2270A	32,500A	3010 A
Chromium	19 P	16 P	212 P	26 P	21 P	20 P
Cobalt	16 UP	16 P	18 P	13 UP	14 P	11UP
Copper	26 P	16 P	31 P	18 P	23 P	27 P
Iron	25,900 P	24,000 P	40,700P	17,400 P	58 P	16,900 P
Lead	75 P	13 F	71 P	36 F	58 P	12 F
Magnesium	2240*A	3540*A	4980*A	2390*A	9830*A	4160*A
Manganese	237P	443 P	672 P	316 P	593P	218 P
Mercury	0.15UCVAA	0.12UCVAA	0.11UCVAA	0.24CVAA	0.12UCVAA	0.14 CVAA
Nickel	23 P	22 P	47 P	13 P	25P	16 P
Potassium	[1050] A	[754] A	1200 A	[605] A	2060A	1390A
Selenium	1.7UF	1.2UF	1.1 UF	1.3 UF	1.2 UF	1.2UF
Silver	3.2 P	2.0UP	2.2 P	[2.6] P	2.3 UP	2.3 UP
Sodium	[432] A	205UA	223UA	265UA	231UA	227UA
Thallium	1.7UF	1.2UF	1.1 UF	1.3 UF	1.2 UF	1.2UF
Vanadium	42P	16 P	29 P	18 P	28 P	27 P
Zinc	97P	82 P	98 P	88 P	69 P	297P
Molybdenum	81 UP	51 UP	71 P	66 UP	92 P	59 P
Titanium	321 P	88 P	24P	55 P	164 P	50 P

4.8
NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3874 1P10 0-1'	3875 1P10 1'-2'	3876 1P10 2'-4'	3877 1P10 4'-6'	3878 1P10 6'-8'	3879 1P10 8'-10'
Aluminum	16,500P	6010 P	11,600 P	14,200 P	12,200P	15,100P
Antimony	67 P	[17] P	33 P	46 P	49 P	51 P
Arsenic	4.5 SF	5.3 SF	7.7 SF	5.1 SF	8.3 SF	6.4 S
Barium	111 P	59 P	89 P	198 P	78 P	58 P
Beryllium	0.67 UP	[0.85] P	0.76 UP	0.87 UP	0.78 UP	0.76 UP
Cadmium	5.3 P	1.4 UP	3.3 P	4.6 P	5.2 P	5.8 P
Calcium	89,500 A	8550 A	13,200 A	11,100 A	1870 A	2030 A
Chromium	22 P	31 P	40 P	32 P	18 P	20 P
Cobalt	[11] P	14 UP	13 UP	14 UP	13 UP	15 P
Copper	20 P	14 P	15 P	23 P	18 P	35 P
Iron	29,400 P	8500 P	21,000 P	37,500 P	26,400 P	35,000 P
Lead	67 P	10 SF	58 P	160 P	11 F	76 P
Magnesium	11,000*A	1450*A	4300*A	2710*A	3440*A	4740*A
Manganese	656 P	85 P	266 P	253 P	298 P	343 P
Mercury	0.12 UCVAA	0.88 CVAA	0.25 CVAA	0.51 CVAA	0.13 UCVAA	0.13 UCVAA
Nickel	27 P	20 P	20 P	21 P	28 P	38 P
Potassium	3120 A	[551] A	1300 A	[1130] A	[866] A	1620 A
Selenium	1.2 UF	1.8 SF	1.2 UF	1.5 UF	1.2 UF	1.3 UF
Silver	[2.2] P	[2.8] P	2.5 UP	[2.9] P	2.6 UP	2.5 UP
Sodium	[485] A	[421] A	[296] A	[526] A	259 UA	[269] A
Thallium	1.2 UF	1.4 UF	1.2 UF	1.5 UF	1.2 UF	1.3 UF
Vanadium	33 P	3.4 P	23 P	35 P	21 P	35 P
Zinc	71 P	133 P	111 P	151 P	124 P	107 P
Molybdenum	107 P	70 UP	63 UP	73 UP	65 UP	68 P
Titanium	184 P	325 P	127 P	186 P	72 P	33 P

4.9

NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3880 1P13 0-1'	3881 1P13 1'-2'	3882 1P13 2'-4'	3883 1P13 4'-6'	3884 1P11 0-1'	3885 1P11 2'-4'
Aluminum	19,700 P	12,200 P	10,200 P	14,500 P	13,000 P	9680 P
Antimony	92 P	56 P	48 P	47 P	14 UP	50 P
Arsenic	5.8 SF	5.1 SF	3.9 S	[2.3] SF	3.5 SF	[2.0] SF
Barium	97 P	47 P	44 UP	71 P	65 P	62 P
Beryllium	1.6 P	0.98 UP	0.66 UP	0.71 UP	[0.96] P	0.72 UP
Cadmium	6.8 P	5.4 P	2.6 P	5.2 P	2.4 P	1.4 P
Calcium	2570 A	3790 A	7100 A	4090 A	26,700 A	24,040 A
Chromium	14 P	22 P	15 P	19 P	19 P	12 P
Cobalt	12 UP	[11] P	11 UP	[12] P	12 UP	12 UP
Copper	14 P	18 P	15 P	17 P	19 P	14 P
Iron	21,500 P	24,600 P	22,200 P	20,600 P	24,300 P	16,100 P
Lead	118 P	63 P	57 P	66 P	15 SF	9.1 F
Magnesium	10,900*A	4200*A	5090*A	5160*A	8960*A	8790*A
Manganese	784 P	396 P	265 P	230 P	330 P	230 P
Mercury	0.12 UCVAA	0.15 CVAA	0.12 UCVAA	0.12 UCVAA	1.8 CVAA	0.12 UCVAA
Nickel	24 P	31 P	24 P	31 P	31 P	21 P
Potassium	1310 A	[934] A	[722] A	[698] A	[1160] A	[755] A
Selenium	1.1 UF	1.2 UF	1.1 UF	1.2 UF	1.2 UF	1.1 UF
Silver	2.4 UP	2.2 UP	2.2 UP	2.4 UP	2.4 UP	2.3 UP
Sodium	[284] A	224 UA	219 UA	249 UA	241 UA	[242] A
Thallium	1.1 UF	1.2 UF	1.1 UF	1.2 UF	1.2 UF	1.1 UF
Vanadium	19 P	22 P	17 P	19 P	26 P	19 P
Zinc	113 P	81 P	72 P	100 P	82 P	55 P
Molybdenum	116 P	60 P	59 P	66 P	77 P	81 P
Titanium	177 P	67 P	125 P	147 P	[24] P	69 P

4.10

NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3886 IP11 4'-6'	3887 IP11 6'-8'	3888 IP1 1'-2'	3889 IP1 0-1'	3890 IP1 2'-4'	3891 IP1 4'-6'
Aluminum	12,200P	11,400P	8840P	11,100P	7040P	10,100P
Antimony	16UP	15UP	15UP	18UP	23UP	17UP
Arsenic	[2.2]SF	11 SF	7.0SF	3.3 SF	83SF	5.2 SF
Barium	96 P	64 P	56 P	115 P	79 P	56 UP
Beryllium	[1.1] P	[1.0] P	[0.74]P	[1.2]P	2.6 P	1.4 P
Cadmium	1.6 P	3.3 P	1.7 P	1.8 P	2.3 P	2.0 P
Calcium	1510A	6320A	38,300A	2680A	8590A	1750A
Chromium	11 P	15 P	516 P	21 P	23 P	14 P
Cobalt	13UP	13UP	12UP	15UP	19UP	[14]P
Copper	21 P	44 P	20 P	15 P	23 P	17 P
Iron	12,700P	47,700P	11,700P	18,900P	8480P	35,300P
Lead	10 F	16 F	25SF	16F	13 F	8.2F
Magnesium	2640*A	6290*A	13,800*A	3490*A	[776]*A	2960*A
Manganese	118 P	273 P	936 P	593 P	57P	269 P
Mercury	21CVAA	0.12UCVAA	23 CVAA	0.14UCVAA	67CVAA	0.12UCVAA
Nickel	27 P	41 P	24 P	24 P	30 P	34 P
Potassium	[541] A	[758]A	[457]A	[836] A	[473]A	[639]A
Selenium	1.2UF	1.2UF	1.2UF	1.5UF	4.1SF	1.2UF
Silver	2.7UP	2.6UP	2.4UP	3.0UP	3.8UP	2.8UP
Sodium	268UA	258UA	246UA	304UA	378UA	283UA
Thallium	1.2UF	1.2UF	1.2UF	1.5UF	3.7UF	1.2UF
Vanadium	29 P	26 P	34 P	24 P	57 P	20 P
Zinc	83 P	50 P	123 P	85 P	34P	85 P
Molybdenum	86 P	64UP	116 P	76UP	95UP	71 UP
Titanium	[27] P	26UP	51 P	97P	522P	28 UP

4.11

NYSDEC
30870-0240

EPA HSL METALS

All results reported in ug/Kg.

Sample Identification

Element	3892 1P1 6'-8'	3893 1P5 Grab 0-1'	3894 1P3 Grab 0-1'	3895 1P2 Grab 0-1'			
Aluminum	1980 P	9980 P	11,800 P	7260 P			
Antimony	15 UP	15 UP	20 UP	17 UP			
Arsenic	4.1 SF	6.7 SF	5.3 SF	4.5 SF			
Barium	49 UP	67 P	126 P	76 P			
Beryllium	[0.73] P	[1.0] P	[1.4] P	[1.1] P			
Cadmium	[0.98] P	2.1 P	1.7 P	1.4 P			
Calcium	2020 A	2130 A	2480 A	6290 A			
Chromium	2.4 UP	41 P	31 P	84 P			
Cobalt	12 UP	13 UP	17 UP	14 UP			
Copper	9.8 P	21 P	20 P	14 P			
Iron	24 UP	18,000 P	16,500 P	12,600 P			
Lead	10 F	33 F	50 F	35 F			
Magnesium	2670 *A	2670 *A	3600 *A	4810 *A			
Manganese	149 P	356 P	365 P	409 P			
Mercury	0.12 UCVAA	0.30 CVAA	0.60 CVAA	7.6 CVAA			
Nickel	19 P	28 P	31 P	22 P			
Potassium	244 UA	[1020] A	[1240] A	[505] A			
Selenium	1.2 UF	1.3 UF	1.7 UF	1.5 UF			
Silver	2.4 UP	2.6 UP	3.4 UP	2.8 UP			
Sodium	[318] A	[593] A	341 UA	280 UA			
Thallium	1.2 UF	1.3 UF	1.7 UF	1.5 UF			
Vanadium	12 UP	18 P	24 P	20 P			
Zinc	54 P	90 P	102 P	98 P			
Molybdenum	61 UP	65 UP	85 UP	70 UP			
Titanium	24 UP	26 UP	109 P	50 P			

SECOND ROUND

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ~~ug/kg~~ ug/l dry basis

DF	1.0	1.0	1.0		
Method Blank ID	>A7541	>A7541	>7541		
Lab ID	METHOD BLANK	(031)	(032)		
Client ID		3359 TRIP BLANK	3360 FIELD BLANK		
Methylene Chloride	5U	5U	5U		
1,1-Dichloroethene	5U	5U	5U		
Chloroform	5U	5U	5U		
1,1,2,2-Tetrachloroethane	3J	5U	5U		
Toluene	5U	5U	5U		
Ethyl Benzene	5U	5U	5U		
Xylenes, total	5U	5U	5U		

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	1.0	1.0	1.0	1.0	1.0
Method Blank ID	>B7670	>B7681	>B7670	>B7670	>B7681
Lab ID	METHOD BLANK	METHOD BLANK	(028)	(029)	(030)
Client ID			3128 SD-1	3129 SD-2	3130 SD-3
Methylene Chloride	5U	5U	2J	5U	5U
1,1-Dichloroethene	5U	5U	5U	5U	5U
Chloroform	5U	1J	20	13	7B
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U	5U
Toluene	2J	3J	5U	5B	3JB
Ethyl Benzene	5U	5U	5U	5U	5U
Xylenes, total	5U	5U	5U	5U	5U

ndicates not detected. Value next to U represents detection limit for that sample.

ee Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ~~ug/Kg dry basis~~ ug/l unless noted

	*	*	*	*	*
DF	1.00	1.00	1.00	1.00	1.00
Method Blank ID	METHOD BLANK	METHOD BLANK	METHOD BLANK	METHOD BLANK	METHOD BLANK
Lab ID	787482	787489	760456	760471	7A7468 *
Client ID					
Methylene Chloride	6	5	5	4J	5u
1,1-Dichloroethene	5u	1J	5u	5u	5u
Chloroform	1J	0.9J	2J	2J	3J
1,1,2,2-Tetrachloroethane	5u	5u	5u	5u	5u
Toluene	1J	2J	2J	2J	2J
Ethyl Benzene	5u	5u	5u	5u	5u
Xylenes, total	5u	5u	5u	5u	5u

U indicates not detected. Value next to U represents detection limit for that sample.

* units are ug/l

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ~~ug/Kg dry basis~~ ug/l OK SLP 10-16-87 unless otherwise noted

	*	*	*	*	*
DF	1.00	100.00	100.00	100.00	100.00
Method Blank ID	METHOD BLANK	METHOD BLANK	METHOD BLANK	METHOD BLANK	METHOD BLANK
Lab ID	7A7471 *	760491	787537	760499	787551
Client ID					
Methylene Chloride	5u	450J	500U	280J	380J 390J
1,1-Dichloroethene	5u	330J	310J	500U	500U
Chloroform	5u	380J	500U	230J	500U
1,1,2,2-Tetrachloroethane	5u	500U	500U	500U	500U
Toluene	5u	120J	110J	170J	500U
Ethyl Benzene	5u	500U	500U	500U	500U
Xylenes, total	5u	500U	500U	500U	500U

SLP 10-16-87

U indicates not detected. Value next to U represents detection limit for that sample.

* units are ug/l

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

		*	*	*	*
DF	100.00 ~~1.0~~	1.0	1.0	1.0	1.0
Method Blank ID	Method Blank	>B7482	>B7482	>B7482	>B7489
Lab ID	>B7512	001	001 RA	002	004
Client ID		(3900) 2P-109 0-6"	(3900) 2P-109 0-6"	(3901) 2P-109 6"-2.5'	(3903) 2P108 0-6"
Methylene Chloride	500U ~~5U~~	5B	12B	17B	8B
1,1-Dichloroethene	320J ~~3J~~	5U	5U	2J	5U
Chloroform	500U ~~5U~~	2JB	5U	5U	0.8JB
1,1,2,2-Tetrachloroethane	500U ~~5U~~	5U	5U	5U	5U
Toluene	72J ~~0.7J~~	2JB	2JB	2JB	2JB
Ethyl Benzene	500U ~~5U~~	5U	5U	5U	5U
Xylenes, total	500U ~~5U~~	5U	5U	5U	5U
	SLP 10-16-87				

* U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

	*	*	*	*	*
DF	1.0	1.0	1.0	1.0	1.0
Method Blank ID	>G0456	>B7489	>G0456	>B7489	>B7489
Lab ID	004 RA	005	005 RA	007	008
Client ID	(3903) 2P108 0-6"	(3904) 2P108 6"-2.5'	(3904) 2P108 6"-2.5'	(3906) 2P104 0-6"	(3907) 2P104 6"-2.5'
Methylene Chloride	10B	6B	14B	8B	4JB
1,1-Dichloroethene	5U	5U	5U	5U	5U
Chloroform	2JB	2JB	2JB	2JB	2JB
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U	5U
Toluene	3JB	2JB	3JB	2JB	3JB
Ethyl Benzene	5U	5U	5U	5U	5U
Xylenes, total	5U	5U	5U	5U	5U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

	*	*	*	*	*
DF	1.0	1.0	1.0	5.0	5.0
Method Blank ID	>B7489	>B7489	>G0471	>B7489	>G0471
Lab ID	009	011	011 RA	012	012 RA
Client ID	(3908) 2P104 *2.5-4.5'	(3910) 2P103 0-6"	(3910) 2P103 0-6"	(3911) 2P103 6"-2.5'	(3911) 2P103 6"-2.5'
Methylene Chloride	6B	11B	11B	77B	110B
1,1-Dichloroethene	5U	5U	5U	25U	25U
Chloroform	2JB	2JB	4JB	10JB	25U
1,1,2,2-Tetrachloroethane	5U	5U	5U	25U	25U
Toluene	2JB	3JB	5U	17JB	25U
Ethyl Benzene	5U	5U	5U	25U	25U
Xylenes, total	5U	5U	5U	25U	25U

* U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	1.00	1.00	1.00	1.00	1.00
Method Blank ID	760471	787489	760471	787489	760471
Lab ID	014	015	015 RA	016	016 RA
Client ID	3913 2P-114 0-6"	3914 2P-114 6"-2.5	3914 2P-114 6"-2.5	3915 2P-114 2.5-3.5'	3915 2P-114 2.5-3.5'
Methylene Chloride	15B	25B	32B	9B	7B
1,1-Dichloroethene	5u	5u	5u	5u	5u
Chloroform	5u	1JB	5u	2JB	5B
1,1,2,2-Tetrachloroethane	5u	5u	5u	5u	5u
Toluene	5u	5u	5u	2JB	5u
Ethyl Benzene	5u	5u	5u	5u	5u
Xylenes, total	5u	5u	5u	5u	5u

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	1.00	1.00	1.00	1.00	1.00
Method Blank ID	787489	787489	760456	760456	760456
Lab ID	017	017RA	019	019 RA	020
Client ID	3916 2P-114 ~~A4.5'-6.5'A~~	3916 2P-114 ~~A4.5'-6.5'A~~	3918 2P-115 0-6"	3918 2P-115 0-6"	3919 2P-115 6"-25'
Methylene Chloride	10B	18B	14B	17B	8B
1,1-Dichloroethene	5u	5u	5u	5u	5u
Chloroform	2JB	3JB	5u	5u	3JB
1,1,2,2-Tetrachloroethane	5u	5u	5u	5u	5u
Toluene	53B	34 B	3JB	5u	3JB
Ethyl Benzene	5u	5u	5u	5u	5u
Xylenes, total	7	5u	5u	5u	5u

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	1.00	1.00	1.00	100.00	5.00
Method Blank ID	760456	760456	760456	7B7512	760471
Lab ID	020RA	021	021RA	023	024
Client ID	3919 2P-115 6"-25'	3920 2P-115 4.5-6.5'	3920 2P-115 4.5-6.5'	3922 2P-116 0-6"	3923 2P-116 6-2.5
Methylene Chloride	7B	14B	8B	520J	56B
1,1-Dichloroethene	5U	5U	5U	400JB	25U
Chloroform	2JB	5U	5U	480J	28B
1,1,2,2-Tetrachloroethane	5U	5U	5U	500U	25U
Toluene	5U	5U	5U	300JB	25U
Ethyl Benzene	5U	5U	5U	500U	25U
Xylenes, total	5U	5U	5U	500U	25U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

Trip Blank units are ug/L

DF	5.00	1.00			
Method Blank ID	760471	7A7468			
Lab ID	025	026			
Client ID	3924 2P-116 ~~2~~2.5-4.5	3062 TRIP BLANK VOA (ug/L)			
Methylene Chloride	53B	5U			
1,1-Dichloroethene	25U	5U			
Chloroform	32B	25B			
1,1,2,2-Tetrachloroethane	25U	5U			
Toluene	25U	5U			
Ethyl Benzene	25U	5U			
Xylenes, total	25U	5U			

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100.00	100.00	200.00	100.00	100.00
Method Blank ID	METHOD BLANK	METHOD BLANK	METHOD BLANK	METHOD BLANK	7B7589
Lab ID	760504	7B7565	7B7566	7B7589	027
Client ID				SLP 10-16-87	3926 2P-119 0-6"
Methylene Chloride	220J	420J	3500B	1200B	790B
1,1-Dichloroethene	500U	500U	1000U	500U	500U
Chloroform	200J	500U	1000U	160J	500U
1,1,2,2-Tetrachloroethane	500U	500U	1000U	500U	500U
Toluene	500U	500U	1000U	500U	150J
Ethyl Benzene	500U	500U	1000U	500U	500U
Xylenes, total	500U	500U	1000U	500U	460J
			SLP 10-16-87		

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	100	100	200	100
Method Blank ID	>B7589	>B7589	>B7589	>B7537	>B7589
Lab ID	028	029	031	032	033
Client ID	(3928) 2P-119 6-2.5'	(3925) 2P-119 2.5'-4.5'	(3929) 2P-135 0-6"	(3930) 2P-135 6-2.5'	(3931) 2P-135 2.5-4.5'
Methylene Chloride	~~780~~ 770 B	1000 B	1700 B	1200 ~~J~~	840 B
1,1-Dichloroethene	500 U	500 U	500 U	1400 ~~J~~ B	500 U
Chloroform	500 U	500 U	130 JB	1500 ~~J~~	280 JB
1,1,2,2-Tetrachloroethane	500 U	500 U	500 U	2400	500 U
Toluene	500 U	220 J	500 U	900 JB	500 U
Ethyl Benzene	500 U	500 U	500 U	1000 U	500 U
Xylenes, total	500 U	500 U	720	1000 U	500 U

: U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	200	100	100	100
Method Blank ID	>B7512	>B7537	>B7537	>B7537	>B7537
Lab ID	036	037	038	039	041
Client ID	(3934) 2P-120 0-6"	(3935) 2P-120 6"-2.5'	(3936) 2P-120 2.5'-4.5'	(3937) 2P-120 ~~4.5'~~ 5.0'-7.0'	(3939) 2P-138 0-6"
Methylene Chloride	500U	600J	180J	180J	310J
1,1-Dichloroethene	460JB	810JB	490JB	600~~J~~B	830~~J~~B
Chloroform	310J	840J	520~~J~~	340J	500U
1,1,2,2-Tetrachloroethane	500U	1000U	830	500U	500U
Toluene	320JB	610JB	340JB	440JB	660~~J~~B
Ethyl Benzene	500U	1000U	500U	500U	500U
Xylenes, total	500U	1000U	500U	500U	500U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100.00	100.00	100.00	100.00	100.00
Method Blank ID	787537	787537	787537	787537	787537
Lab ID	042	043	044	~~047~~ OK	048
Client ID	3940 2P-138 6"-2.5	3941 2P-138 2.5-4.5	3942 2P-138 4.5-6.5	~~3945~~ OK 2P-143 ~~0-6"~~ 6"-2.5'	3946 2P-143 2.5-4.5
Methylene Chloride	310 J	250 J	500 U	~~240 J~~ OK	300 J
1,1-Dichloroethene	~~690 JB~~	~~590 JB~~	~~660 JB~~	~~560 JB~~ OK	~~740 JB~~
Chloroform	~~570 J~~ SLP 10-15-87	~~510 J~~ SLP 10-15-87	~~600 J~~ SLP 10-15-87	~~430 J~~ OK	~~620 J~~ SLP 10-15-87
1,1,2,2-Tetrachloroethane	~~1400 J~~	340 J	500 U	500 U	500 U
Toluene	500 U	350 JB	~~570 JB~~	~~380 JB~~ OK	340 JB
Ethyl Benzene	500 U	500 U	500 U	500 U	500 U
Xylenes, total	500 U	500 U	500 U	~~500 U~~ OK	500 U
				SLP 10-15-87	

* U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	200.00	100.00 ~~200.00~~	200.00	100.00	100.00
Method Blank ID	787551	787551	760499	787551	787551
Lab ID	049	050	051	053	054
Client ID	3947 2P-143 4.5-6.5	3948 2P-144 0-6"	3949 2P-144 6-2.5'	3951 2P-139 0-6"	3952 2P-139 6-25'
Methylene Chloride	670 JB	600 B ~~750 JB~~	710 JB	430 JB	400 JB
1,1-Dichloroethene	1000 U	500 U ~~830 J~~	960 J	400 J	470 J
Chloroform	1000 U	500 U ~~670 J~~	700 JB	330 J	390 J
1,1,2,2-Tetrachloroethane	1000 U	500 U ~~1000 U~~	1000 U	500 U	500 U
Toluene	330 J	170 J ~~610 J~~	540 JB	490 J	~~600~~ 660 JA 1/24/88
Ethyl Benzene	1000 U	500 U ~~1000 U~~	1000 U	500 U	500 U
Xylenes, total	1000 U	500 ~~1000 U~~	1000 U	500 U	500 U
		SLP 10-15-87			

Indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100.00	100.00	100.00	100.00	1.00
Method Blank ID	7B7551	7B7551	7B7551	7B7551	7A7471
Lab ID	055	056	057	058	059
Client ID	3953 2p-139 2.5-4.5	3954 2p-140 0-6"	3955 2p-140 6-2.5	3956 2p-140 2.5-4.5	3093 TRIP BLANK
Methylene Chloride	300JB	440JB	410JB	500U	5U
1,1-Dichloroethene	400J	530	500U	500U	5U
Chloroform	300J	500U	350J	330J	5U
1,1,2,2-Tetrachloroethane	500U	500U	500U	500U	5U
Toluene	570	720	600	600	5U
Ethyl Benzene	500U	500U	500U	500U	5U
Xylenes, total	500U	500U	500U	500U	5U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	100	100	100	100
Method Blank ID	>B7551	>B7551	>B7551	>G0504	>G0504
Lab ID	060	061	062	063	064
Client ID	(3959) Zp-121 0-6"	(3957) Zp-121 6"-2.5'	(3960) Zp-121 2.5-4.5	(3961) Zp-122 0-6"	(3962) Zp-122 6"-2.5'
Methylene Chloride	220JB	500U	200JB	350JB	340JB
1,1-Dichloroethene	500U	500U	500U	500U	500U
Chloroform	170J	190J	500U	300JB	280JB
1,1,2,2-Tetrachloroethane	500U	500U	500U	500U	500U
Toluene	79J	93J	260J	210J	210J
Ethyl Benzene	500U	500U	500U	500U	500U
Xylenes, total	500U	500U	500U	500U	500U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100.00	100.00	1.00	100.00	100.00
Method Blank ID	760504	760504	7A7471	7B7589	7B7589
Lab ID	065	066	088	089	090
Client ID	3963 ZP-128 0-6"	3964 ZP-128 6-2.5"	TRIP BLANK 3090	3997 ZP-153 0-6"	4000 ZP-154 0-6"
Methylene Chloride	230JB	500U	5U	380JB	500U
1,1-Dichloroethene	500U	500U	5U	500U	500U
Chloroform	160JB	100JB	4J	170JB	130JB
1,1,2,2-Tetrachloroethane	500U	500U	5U	500U	500U
Toluene	500U	500U	5U	500U	500U
Ethyl Benzene	500U	500U	5U	500U	500U
Xylenes, total	500U	500U	5U	500U	500U

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	100	100	100	
Method Blank ID	Method Blank	>G0511	>G0511	>G0511	
Lab ID	>G0511	067	069	071	
Client ID		(3965) 2P 128 2.5'-4.5'	(3967) 2P-127 0-6"	(3969) 2P 126 0-6"	
Methylene Chloride	240J	640B	470JB	800B	
1,1-Dichloroethene	500U	500U	500U	500U	
Chloroform	210J	320JB	200JB	150JB	
1,1,2,2-Tetrachloroethane	500U	500U	500U	500U	
Toluene	500U	220J	250J	270J	
Ethyl Benzene	500U	500U	500U	500U	
Xylenes, total	500U	610	500U	570	

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

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VOA Results

Units are ug/Kg dry basis

DF	100.00	100.00	100.00	100.00	100.00
Method Blank ID	METHOD BLANK	7B7578	7B7578	7B7578	7B7578
Lab ID	7B7578	073	075	077	079
Client ID		3971 2p-129 0-6"	3974 2p-130 0-6"	3976 2p-131 0-6"	3978 2p-136 ~~6-2.5'~~ 0-6" SJ 10/15/87
Methylene Chloride	500U	510	470J	330J	290J
1,1-Dichloroethene	500U	500U	500U	500U	500U
Chloroform	500U	500U	500U	~~220J~~ 200J	10/22/87 500U
1,1,2,2-Tetrachloroethane	500U	500U	500U	500U	500U
Toluene	500U	230J	180J	230J	500U
Ethyl Benzene	500U	500U	500U	500U	500U
Xylenes, total	500U	540	520	550	490J

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	100	100	100.00 ~~200.00~~	
Method Blank ID	>B7578	>B7578	>B7578	7B7565	
Lab ID	081	084	086	052	
Client ID	(3980) 2p-141 0-6"	(3983) 2p-148 0-6"	~~(3986)~~ (3080) 2P-152 0-6"	3950 2p-144 2.5-4.5	
Methylene Chloride	500U	500U	340J	500 B ~~3500 B~~	
1,1-Dichloroethene	500U	500U	500U	500U ~~1000U~~	
Chloroform	500U	500U	170J	300JB ~~1000U~~	
1,1,2,2-Tetrachloroethane	500U	500U	500U	500U ~~1000U~~	
Toluene	190J	190J	200J	500U ~~1000U~~	
Ethyl Benzene	500U	500U	500U	500U ~~1000U~~	
Xylenes, total	580	250J	510	250JB ~~1000U~~	
				SLP 10-15-87	

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

Units are ug/Kg dry basis

DF	100	100	100		
Method Blank ID	787589	787589	787589		
Lab ID	091	092	093		
Client ID	(3079) 2P-155 0-6"	(3086) 2P-157 0-6"	(3985) 2P-158 0-6"		
Methylene Chloride	290JB	410JB	430 JB		
1,1-Dichloroethene	500U	500U	500U		
Chloroform	500U	500U	500U		
1,1,2,2-Tetrachloroethane	500U	500U	500U		
Toluene	500U	450 J	370J ~~500U~~		
Ethyl Benzene	500U	500U	500U		
Xylenes, total	500U	500U	500U		
			SUP 10-15-87		

U indicates not detected. Value next to U represents detection limit for that sample.

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

30870-1108

Units are ug/Kg dry basis unless noted otherwise

DF	100	100	100	1.0	100.00 1.0
Method Blank ID	Method Blank	Method Blank	Method Blank	Method Blank	>B7602
Lab ID					1108109
Client ID	>B7602	>G0525	>G0568	>A7530 *	3084 2P-155 0.5'-2.5'
Methylene Chloride	370J	550	500U	6	290JB
1,1-Dichloroethene	500U	500U	500U	5U	500U
Chloroform	120J	500U	500U	1J	500U
1,1,2,2-Tetrachloroethane	500U	500U	500U	5U	500U
Toluene	120J	500U	500U	1J	500U
Ethyl Benzene	500U	500U	500U	5U	500U
Xylenes, total	250J	500U	500U	2J	500U

U indicates not detected. Value next to U represents detection limit for that sample.

* units are ug/l

See Appendix for further description of flags

93rd Street School

VOA Results

30870-1108

Units are ug/Kg dry basis unless otherwise noted

	*	*	*	*	*
DF	~~100.0~~ 1.0	1.0	1.0	100	100
Method Blank ID	>B7602	>A7530	>A7530	>G0568	>G0525
Lab ID	1108108	1108110	1108105	1108096	1108106
Client ID	3085 2P-155 2.5'-4.5'	3358 Trip Blank*	3362 Trip Blank*	3944 2P-143 0-6"	3998 2P-153 6-2.5'
Methylene Chloride	~~320JB~~ ~~220JB~~	4JB	5U	630	340JB
1,1-Dichloroethene	500U	5U	5U	500U	500U
Chloroform	500U	2JB	1JB	230J	110J
1,2,2-Tetrachloroethane	500U	5U	5U	500U	500U
Toluene	500U	5U	5U	530	500U
Ethyl Benzene	500U	5U	5U	500U	500U
Xylenes, total	500U	5U	5U	680	500U

U indicates not detected. Value next to U represents detection limit for that sample.

* units are ug/l

See Appendix for further description of flags

York Laboratories Div. of YWC

93rd Street School

VOA Results

30870-1108

Units are ug/Kg dry basis

DF	100				
Method Blank ID	7B7602				
Lab ID	1108207				
Client ID	3999 2P-153 2.5' 4.5'				
Methylene Chloride	330JB				
1,1-Dichloroethene	500U				
Chloroform	500U				
1,1,2,2-Tetrachloroethane	500U				
Toluene	500U				
Ethyl Benzene	500U				
Xylenes, total	500U				

dicates not detected. Value next to U represents detection limit for that sample.

ee Appendix for further description of flags

NYSDEC 30870-1131

B/N/A ORGANICS

Sample Identification

Dilution Factor	1 / 1.0	1 / 1.0				
Method Blank I.D.	JC5836	JC5836				
Compound	Method Blank 7/2/87	3360 Field Blank 032				Lower Limits of Detection with no Dilution
fluorene	u	u				10
phenanthrene	u	u				10
anthracene	u	u				10
fluoranthene	u	u				10
pyrene	u	u				10
benzo(a)anthracene	u	u				10
chrysene	u	u				10
benzo(b)fluoranthene	u	u				10
benzo(k)fluoranthene	u	u				10
benzo(a)pyrene	u	u				10
indeno(1,2,3-cd)pyrene	u	u				10
1,2-dichlorobenzene	u	u				10
1,2,3,4-tetrachlorobenzene	u	u				10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1131

B/N/A ORGANICS

Sample Identification

Compound	Method Blank 7/21/87	3128 SO-1 028	3129 SO-2 ~~029~~	3130 SO-3 ~~030~~		Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0		
Method Blank I.D.	>C5823	>C5823	>C5823	>C5823		
fluorene	U	U	U	U		330
phenanthrene	U	66J	U	55J		330
anthracene	U	18J	U ~~26J~~	U		330
fluoranthene	U	130J	26J ~~U~~	99J		330
pyrene	U	130J	23J	91J		330
benzo(a)anthracene	U	62J	U	56J		330
chrysene	U	78J	U	U		330
benzo(b)fluoranthene	U	72J	U	U		330
benzo(k)fluoranthene	U	U	U	U		330
benzo(a)pyrene	U	62J	U	61J		330
indeno(1,2,3-cd)pyrene	U	41J	U	U		330
1,2-dichlorobenzene	U	U	U	U		330
1,2,3,4-tetrachlorobenzene	U	U	U	U		330

SW 9-1-87

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1108

B/N/A ORGANICS

Sample Identification

Compound	Method Blank 6/24/87	Method Blank 6/25/87 #1	Method Blank 6/25/87 #2	Method Blank 6/26/87 #1	Method Blank 6/26/87 #2	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	7C5580	7C5555	7C5581	7C5758	7C5759	
fluorene	U	U	U	U	U	330
phenanthrene	U	U	25J	U	U	330
anthracene	U	U	U	U	U	330
fluoranthene	U	U	31J	U	U	330
pyrene	U	U	35J	U	U	330
benzo(a)anthracene	U	U	U	U	U	330
chrysene	U	U	U	U	U	330
benzo(b)fluoranthene	U	U	22J	U	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	U	U	U	330
indeno(1,2,3-cd)pyrene	U	U	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

NYSPEC 30870-1108

B/N/A ORGANICS

Sample Identification

Compound	+	−				Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0				
Method Blank I.D.	>C5760 Method Blank 6/24/87	>C5822 Method Blank 7/1/87				
fluorene	U	U				330
phenanthrene	U	U				330
anthracene	U	U				330
fluoranthene	U	U				330
pyrene	U	U				330
benzo(a)anthracene	U	U				330
chrysene	U	U				330
benzo(b)fluoranthene	U	U				330
benzo(k)fluoranthene	U	U				330
benzo(a)pyrene	U	U				330
indeno(1,2,3-cd)pyrene	U	U				330
1,2-dichlorobenzene	U	U				330
1,2,3,4-tetrachlorobenzene	U	U				330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1108
Medium Level Soils

B/N/A ORGANICS

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1			
Method Blank I.D.	>C5800	>C5800	>C5800			
	Method Blank 6/25/87 Med Level	3907 6"-2.5' 28-104 (005)	3919 6"-2.5' 28-115 (010)			
fluorene	U	U	U			20000
phenanthrene	U	U	1700J			20000
anthracene	U	U	U			20000
fluoranthene	U	U	1600J			20000
pyrene	U	U	2300J			20000
benzo(a)anthracene	U	U	U			20000
chrysene	U	U	U			20000
benzo(b)fluoranthene	U	U	U			20000
benzo(k)fluoranthene	U	U	U			20000
benzo(a)pyrene	U	U	U			20000
indeno(1,2,3-cd)pyrene	U	U	U			20000
1,2-dichlorobenzene	U	U	U			20000
1,2,3,4-tetrachlorobenzene	U	U	U			20000

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1105

B/N/A ORGANICS

Sample Identification

Compound	3900 0-6" 2P-109 (-001)	3901 6"-2.5' 2P-109 (-002)	3903 0-6" 2P-108 (-004)	3904 6'-2.5' 2P-108 (-005)	3906 0-6" 2P-104 (-007)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	>C5507 80	>C5507 80	>C5507 80	>C5507 80	>C5507 80	
fluorene	U	U	U	U	U	330
phenanthrene	120J	U	78J	U	32J	330
anthracene	23J	U	U	U	U	330
fluoranthene	210J	U	100J	U	48J	330
pyrene	110J	U	72J	U	33J	330
benzo(a)anthracene	81J	U	U	U	U	330
chrysene	93J	U	60J	U	38J	330
benzo(b)fluoranthene	97J	U	U	U	U	330
benzo(k)fluoranthene	60J	U	U	U	U	330
benzo(a)pyrene	U	U	U	U	U	330
indeno(1,2,3-cd)pyrene	U	U	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1108

B/N/A ORGANICS

Sample Identification

Compound	3907 Medium level 6"-2.5' 2P-104 (-008)	3908 2.5-4.5' 2P-104 (-009)	3910 0-6" 2P-103 (-011)	3911 6-25 2P-103 (-012)	3913 0-6" 2P-114 (-014)	Lower Limits of Detection with no Dilution
Dilution Factor	60	1	1	1	1	~~Medium Level = All DL's x 60~~
Method Blank I.D.		80 >C5507	80 >C5507	80 >C5507	80 >C5507	
fluorene	U	U	U	U	U	330
phenanthrene	U	U	190J	U	300J	330
anthracene	U	U	30J	U	52J	330
fluoranthene	U	U	310J	U	490	330
pyrene	U	U	210J	U	270J	330
benzo(a)anthracene	U	U	190J	U	210J	330
chrysene	U	U	220J	U	250J	330
benzo(b)fluoranthene	U	U	180J	U	230J	330
benzo(k)fluoranthene	U	U	U	U	170J	330
benzo(a)pyrene	U	U	U	U	U	330
indeno(1,2,3-cd)pyrene	U	U	U	U	97J	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	270J	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3914 6-2.5' 2P-114 (-015)	3915 2.5-3.5 2P-114 (-016)	3916 A4.5-6.5 2P-114 (-017)	3918 A-6' 2P-115 (-019)	3919 medium level (-020)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	*	1	60	~~Medium Level = All LOL's x 60~~
Method Blank I.D.	7C5507 80	7C5507 80	7C5507 80	7C5507 80		
fluorene	U	U	U	35J	U	330
phenanthrene	U	160J	2800	590	1700J	330
anthracene	U	30J	U	92J	U	330
fluoranthene	U	220J	780	1200	1600J	330
pyrene	U	140J	U	560	2300J	330
benzo(a)anthracene	U	130J	U	500	U	330
chrysene	U	160J	U	650	U	330
benzo(b)fluoranthene	U	U	U	510	U	330
benzo(k)fluoranthene	U	U	U	55J	U	330
benzo(a)pyrene	U	150J	U	530	U	330
indeno(1,2,3-cd)pyrene	U	U	U	290J	U	330
1,2-dichlorobenzene	~~U~~ 76J	U	1900	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	1000	U	U	330

SLP 8-13-87

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

*Sample very dirty many TIC compounds

NYSDEC 30570-1108

B/N/A ORGANICS

Sample Identification

Compound	3920 4.5-6.5' 2P-115 (-021)	3922 0-6" 2P-116 (-023)	3923 6"-2.5' 2P-116 (-024)	3924 2.5-4.5' 2P-116 (-025)	3926 2P-119 0-6" (-027)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	SLP 10-16-87
Method Blank I.D.	7C5580	7C5580	7C5580	7C5580	~~7C5580~~ ~~7C5555~~	
fluorene	U	U	37J	U	U	330
phenanthrene	U	140J	380	U	40J~~B~~	330
anthracene	U	26J	89J	U	U	330
fluoranthene	U	260J	460	U	65J~~B~~	330
pyrene	U	180J	390	U	52J~~B~~	330
benzo(a)anthracene	U	120J	250J	U	39J	330
chrysene	U	160J	290J	U	39J	330
benzo(b)fluoranthene	U	140J	310J	U	39J~~B~~	330
benzo(k)fluoranthene	U	110J	61J	U	U	330
benzo(a)pyrene	U	130J	260J	U	U	330
indeno(1,2,3-cd)pyrene	U	U	98J	U	~~15J~~ U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

SLP 2-13-87

U - See Appendix for definition.
J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3928 2-2.5' 2P-119 (-028)	3925 2.5-4.5' 2P-119 (-029)	3929 2P-117 2P-135 (-031) c-6"	3930 2P-135-6-2.5 (-032)	3931 2P-135 2.5-4.5' (-033)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	765555 55	765555 55	765565 55	765555 55	765555 55	
fluorene	U	U	U	U	U	330
phenanthrene	U	U	46J B	U	U	330
anthracene	U	U	U	U	U	330
fluoranthene	U	U	87J B	U	U	330
pyrene	U	U	57J B	U	U	330
benzo(a)anthracene	U	U	U	U	U	330
chrysene	U	U	U	U	U	330
benzo(b)fluoranthene	U	U	U	U	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	U	U	U	330
indeno(1,2,3-cd)pyrene	U	U	U	U	U	330
1,2-dichlorobenzene	U	U 67J	U	U	U 67J	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

U - See Appendix for definition.
*J - See Appendix for definition.

SLP 8/13/87

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	>C5555	>C5555	>C5555	>C5555	>C5555	
	2423	3434	3435	3436	3437	
fluorene	U	U	U	U	U	330
phenanthrene	23J	100J	77J	77J	U	330
anthracene	U	U	U	17J	U	330
fluoranthene	30J	230J	120J	110J	U	330
pyrene	29J	170J	89J	130J	U	330
benzo(a)anthracene	U	U	80J	U	U	330
chrysene	U	120J	94J	U	U	330
benzo(b)fluoranthene	U	80J	71J	U	U	330
benzo(k)fluoranthene	U	52J	46J	U	U	330
benzo(a)pyrene	U	89J	66J	U	U	330
indeno(1,2,3-cd)pyrene	U	U	62J	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3939 0-6" 2P-138 (-041)	3940 6"-2.5' 2P-138 (-042)	3941 2.5-4.5' 2P-138 (-043)	3942 4.5-6.5 2P-138 (-044)	3944 2P-143 0-6" (-046)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	7C5555	7C5555	7C5555	7C5555	7C5555	
fluorene	U	U	U	U	83J	330
phenanthrene	62J~~B~~	U	U	U	640~~B~~	330
anthracene	U	U	U	U	170J	330
fluoranthene	130J~~B~~	U	U	U	670~~B~~	330
pyrene	87J~~B~~	U	U	U	640~~B~~	330
benzo(a)anthracene	U	U	U	U	290J	330
chrysene	U	U	U	U	280J	330
benzo(b)fluoranthene	U	U	U	U	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	U	U	200J	330
indeno(1,2,3-cd)pyrene	U	U	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

U - See Appendix for definition.
J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

SLP
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B/N/A ORGANICS

Sample Identification

Compound	3945 2P-143 0"-2.5 (-047)	3946 2P-143 2.5-4.5 (-048)	3947 2P-143 4.5-6.5' (-049)	3948 2P-144 0-6" (-050)	3949 2P-144 6-2.5 (-051)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	D C5581 ~~7C5555~~	D C5581 ~~7C5555~~	D C5581 ~~7C5555~~	D C5581 ~~7C5555~~	7C5581	
fluorene	u	u	88J	u	u	330
phenanthrene	110JB	u	150JB	23JB	50JB	330
anthracene	u	u	120J	u	u	330
fluoranthene	140JB	u	190JB	48JB	85JB	330
pyrene	120JB	u	190JB	44JB	89JB	330
benzo(a)anthracene	u	u	160J	u	u	330
chrysene	u	u	u	u	u	330
benzo(b)fluoranthene	44JB	u	u	u	u	330
benzo(k)fluoranthene	u	u	120J	u	u	330
benzo(a)pyrene	50J	u	140J	u	u	330
indeno(1,2,3-cd)pyrene	u	u	u	u	u	330
1,2-dichlorobenzene	u	u	u	u	u	330
1,2,3,4-tetrachlorobenzene	u	u	u	u	u	330

U - See Appendix for definition.
J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3950 2P-144 2.5-4.5 (-052)	3951 2P-139 0-6" (-053)	3952 2P-139 6-2.5' (-054)	3953 2P-139 2.5-4.5 (-055)	3954 2P-140 0-6 (-056)	Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1	1	1	
Method Blank I.D.	7C5581	7C5581	7C5581	7C5581	7C5581	
fluorene	u	u	u	u	u	330
phenanthrene	48JB	55JB	u	u	u	330
anthracene	u	u	u	u	u	330
fluoranthene	41JB	76JB	u	37JB	44JB	330
pyrene	40JB	95JB	u	42JB	46JB	330
benzo(a)anthracene	u	51J	u	u	u	330
chrysene	u	48J	u	u	u	330
benzo(b)fluoranthene	u	u	u	u	u	330
benzo(k)fluoranthene	u	u	u	u	u	330
benzo(a)pyrene	u	u	u	u	u	330
indeno(1,2,3-cd)pyrene	u	u	u	u	u	330
1,2-dichlorobenzene	u	u	u	u	u	330
1,2,3,4-tetrachlorobenzene	u	u	u	u	u	330

J - See Appendix for definition.
*J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	*	*	*			Lower Limits of Detection with no Dilution
Dilution Factor	1	1	1			
Method Blank I.D.	7C5581	7C5581	7C5758 ~~7C5581~~			
	3955 2P-140 6-25' (-057)	3956 2P-140 2.5-4.5 (-058)	3959 0-6" 2P-21 (-060) ~~(-054)~~			
fluorene	u	u	50J			330
phenanthrene	38JB	20JB	540			330
anthracene	u	u	100J			330
fluoranthene	44JB	28JB	690			330
pyrene	56JB	34JB	740			330
benzo(a)anthracene	u	u	410			330
chrysene	u	u	490			330
benzo(b)fluoranthene	u	u	290J			330
benzo(k)fluoranthene	u	u	32J ~~33J~~			330
benzo(a)pyrene	u	u	350			330
indeno(1,2,3-cd)pyrene	u	u	220J			330
1,2-dichlorobenzene	u	u	u			330
1,2,3,4-tetrachlorobenzene	u	u	u			330

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U - See Appendix for definition.
J - See Appendix for definition.

*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3957 6"-2.5' 2P-121 (061)	3960 2.5-4.5' 2P-121 (062)	3961 0-6" 2P-122 (063)	3962 6"-2.5' 2P-122 (064)	3963 0-6" 2P-123 (065)	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	>C5758	>C5758	>C5758	>C5758	>C5758	
fluorene	U	U	150J	11J	U	330
phenanthrene	82J	~~U~~ 130J	1700	34J	U	330
anthracene	U	U	210J	23J	U	330
fluoranthene	44J	170J	2300	32J	15J	330
pyrene	68J	90J	2300	38J ~~34J~~	17J	330
benzo(a)anthracene	U	U	1100	U	U	330
chrysene	65J	U	1200	U	U	330
benzo(b)fluoranthene	U	U	1000	U	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	960	U	U	330
indeno(1,2,3-cd)pyrene	U	U	460	U	U	330
1,2-dichlorobenzene	U	1300	460	U	U	330
1,2,3,4-tetrachlorobenzene	U	1000	130J	U	U	330

SU 8-17-87

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

NYSDEC 30870-1108

B/N/A ORGANICS

Sample Identification

Dilution Factor	1.0	1.0 *	1.0	1.0	1.0	
Method Blank I.D.	7C5758	7C5758	7C5758	7C5758	7C5758	
Compound	3964 6-2.5 2P-128 (066)	3965 2.5-4.5 2P128 (067)	3967 0-6" 2P-127 (069)	3969 0-6" 2P-126 (071)	3971 0-6" 2P-129 (073)	Lower Limits of Detection with no Dilution
fluorene	U	3500	U	U	U	330
phenanthrene	120J	19000	61J	40J	66J	330
anthracene	U	4900	11J	U	U	330
fluoranthene	170J	16000	84J	56J	110J	330
pyrene	190J	8600	93J	67J	110J	330
benzo(a)anthracene	89J	8400	46J	U	U	330
chrysene	U	7300	U	U	U	330
benzo(b)fluoranthene	U	4500	U	U	U	330
benzo(k)fluoranthene	U	1100	U	U	U	330
benzo(a)pyrene	90J	6300	U	U	U	330
indeno(1,2,3-cd)pyrene	U	2,700 ~~U~~	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

SLP 8-17-87

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

* Preliminary Data

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B/N/A ORGANICS

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	7C5758	7C5758	7C5758	7C5759	7C5759	
	3974 0-6" 2P-130 (075)	3976 0-6" 2P-131 (077)	3978 0-6" 2P-136 (079)	3980 0-6" 2P-141 (081)	3983 0-6" 2P-148 (084)	
fluorene	U	U	U	U	U	330
phenanthrene	19J	33J	21J	160J	36J	330
anthracene	U	U	U	U	U	330
fluoranthene	31J	50J	30J	250J	55J	330
pyrene	30J	56J	39J	290J	64J	330
benzo(a)anthracene	U	36J	U	110J	U	330
chrysene	U	U	29J	160J	U	330
benzo(b)fluoranthene	U	U	U	200J	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	U	130J	U	330
indeno(1,2,3-cd)pyrene	U	U	U	100J	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definitio
*D - See Appendix for definitio

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B/N/A ORGANICS

Sample Identification

Compound	3080 0-6" 2P-152 (086)	3997 0-6" 2P-153 (089)	4000 0-6" 2P-154 (090)	3079 0-6" 2P-155 (091)	3086 0-6" 2P-157 (092)	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	>C5759	>C5760 ~~>C5759~~	>C5760	>C5760	>C5760	
fluorene	U	U	U	U	U	330
phenanthrene	42J	60J	63J	28J	U	330
anthracene	U	17J	37J	U	U	330
fluoranthene	69J	140J	130J	59J	U	330
pyrene	72J	58J	58J	24J	U	330
benzo(a)anthracene	52J	U	U	U	U	330
chrysene	U	68J	85J.	U	U	330
benzo(b)fluoranthene	U	U	91J	U	U	330
benzo(k)fluoranthene	U	U	37J	U	U	330
benzo(a)pyrene	49J	U	110J ~~65 JA~~	U	U	330
indeno(1,2,3-cd)pyrene	U	32J	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

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B/N/A ORGANICS

Sample Identification

Compound	3995 0-6" 2P-158 (093)	3998 2P-153 6"-2.5 (106)	3999 2P-153 2.5-4.5 (107)	3085 2.5-4.5 2P-135 (108)	3084 0.5-2.5 2P-135 (109)	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	7C5760	7C5822	7C5822	7C5822	7C5822	
fluorene	U	U	U	U	U	330
phenanthrene	22J	25J	U	U	U	330
anthracene	U	U	U	U	U	330
fluoranthene	34J	39J	U	U	U	330
pyrene	39J	U	24J	U	U	330
benzo(a)anthracene	U	36J	U	U	U	330
chrysene	U	U	U	U	U	330
benzo(b)fluoranthene	U	45J	U	U	U	330
benzo(k)fluoranthene	U	U	U	U	U	330
benzo(a)pyrene	U	U	U	U	U	330
indeno(1,2,3-cd)pyrene	U	U	U	U	U	330
1,2-dichlorobenzene	U	U	U	U	U	330
1,2,3,4-tetrachlorobenzene	U	U	U	U	U	330

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

WA85-J039 - AMENDMENT THREE (3)
U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

Date 7/30/87

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name YWC, INC Case No. 30870-1108

SOW No. 785 Q.C. Report No. 1108

Sample Numbers

EPA No.	Lab ID No.	EPA No.	Lab ID No.
39002P10906	1108-001	3911	1108-012
3901	1108-002	3913	1108-014
3903	1108-004	3914	1108-015
3904	1108 005	3915	1108-016
3906	1108 007	3916	1108-017
3907	1108 008	3918	1108-019
3908	1108 009	3919	1108-020
3910	1108 011	3920	1108-021

Comments:

ICP interelement and background corrections applied? Yes ✓ No ____.

If yes, corrections applied before ✓ or after ____ generation of raw data.

Footnotes:

NR - Not required by contract at this time

Form I:

Value - If the result is a value greater than or equal to the instrument detecion limit but less than the contract-required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical method used with P (for ICP), A (for Flame AA) or F (for Furnace AA).

U - Indicates element was analyzed for but not detected. Report with the instrument detection limit value (e.g., 10U).

E - Indicates a value estimated or not reported due to the presence of interference. Explanatory note included on cover page.

s - Indicates value determined by Method of Standard Addition.

N - Indicates spike sample recovery is not within control limits.

* - Indicates duplicate analysis is not within control limits.

\+ - Indicates the correlation coefficient for method of standard addition is less than 0.995

M - Indicates duplicate injection results exceeded control limits.

Indicate method used: P for ICP; A for Flame AA and F for Furnace.

WA85-J639 - AMENDMENT THREE (3)
U.S. EPA Contract Laboratory Program
Sample Management Office
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703/557-2490 FTS: 8-557-2490

Date 7/30/87

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name YWC, INC.
SOW No. 785

Case No. 30870-1108
Q.C. Report No. 1108

Sample Numbers

EPA No.	Lab ID No.	EPA No.	Lab ID No.
3939	1108 041	3948	1108-050
3940	1108 042	3949	1108 051
3941	1108 043	3950	1108 052
3942	1108 044	3951	1108 053
3944	1108 046	3952	1108 054
3945	1108 047	3953	1108 055
3946	1108 048	3954	1108 056
3947	1108 049	3955	1108 057

Comments:

ICP interelement and background corrections applied? Yes ✓ No ___.

If yes, corrections applied before ✓ or after ___ generation of raw data.

Footnotes:

NR - Not required by contract at this time

Form I:

Value - If the result is a value greater than or equal to the instrument detecion limit but less than the contract-required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical method used with P (for ICP), A (for Flame AA) or F (for Furnace AA).

U - Indicates element was analyzed for but not detected. Report with the instrument detection limit value (e.g., 10U).

E - Indicates a value estimated or not reported due to the presence of interference. Explanatory note included on cover page.

s - Indicates value determined by Method of Standard Addition.

N - Indicates spike sample recovery is not within control limits.

* - Indicates duplicate analysis is not within control limits.

+ - Indicates the correlation coefficient for method of standard addition is less than 0.995

M - Indicates duplicate injection results exceeded control limits.

Indicate method used: P for ICP; A for Flame AA and F for Furnace.

WA85-J639 - AMENDMENT THREE (3)
U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

Date 7/30/87

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name VWC, INC.
SOW No. 785

Case No. 30870-1108
Q.C. Report No. 1108

Sample Numbers

EPA No.	Lab ID No.	EPA No.	Lab ID No.
3956	1108 058	3965	1108-067
3959	1108 060	3967	1108 069
3957	1108 061	3969	1108 071
3960	1108 062	3971	1108 073
3961	1108 063	3974	1108 075
3962	1108 064	3976	1108 077
3963	1108 065	3978	1108 079
3964	1108 066	3980	1108 081

Comments:

ICP interelement and background corrections applied? Yes ✓ No ____.

If yes, corrections applied before ✓ or after ____ generation of raw data.

Footnotes:

NR - Not required by contract at this time

Form I:

Value - If the result is a value greater than or equal to the instrument detecion limit but less than the contract-required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical method used with P (for ICP), A (for Flame AA) or F (for Furnace AA).

U - Indicates element was analyzed for but not detected. Report with the instrument detection limit value (e.g., 10U).

E - Indicates a value estimated or not reported due to the presence of interference. Explanatory note included on cover page.

s - Indicates value determined by Method of Standard Addition.

N - Indicates spike sample recovery is not within control limits.

* - Indicates duplicate analysis is not within control limits.

+ - Indicates the correlation coefficient for method of standard addition is less than 0.995

M - Indicates duplicate injection results exceeded control limits.

Indicate method used: P for ICP; A for Flame AA and F for Furnace.

WA85-J83° - AMENDMENT THREE (3)
U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
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Date 7/30/87

COVER PAGE
INORGANIC ANALYSES DATA PACKAGE

Lab Name YWC, INC
SOW No. 785

Case No. 30870-1108
Q.C. Report No. 1108

Sample Numbers

EPA No.	Lab ID No.	EPA No.	Lab ID No.
3983	1108 084	3999	1108 107
3080	1108 086	3085	1108 108
3997	1108 089	3084	1108 109
4000	1108 090		
3079	1108 091		
3086	1108 092		
3985	1108 093		
3998	1108 106		

Comments:

ICP interelement and background corrections applied? Yes ✓ No ___.

If yes, corrections applied before ✓ or after ___ generation of raw data.

Footnotes:

NR - Not required by contract at this time

Form I:

Value - If the result is a value greater than or equal to the instrument detecion limit but less than the contract-required detection limit, report the value in brackets (i.e., [10]). Indicate the analytical method used with P (for ICP), A (for Flame AA) or F (for Furnace AA).

U - Indicates element was analyzed for but not detected. Report with the instrument detection limit value (e.g., 10U).

E - Indicates a value estimated or not reported due to the presence of interference. Explanatory note included on cover page.

s - Indicates value determined by Method of Standard Addition.

N - Indicates spike sample recovery is not within control limits.

* - Indicates duplicate analysis is not within control limits.

+ - Indicates the correlation coefficient for method of standard addition is less than 0.995

M - Indicates duplicate injection results exceeded control limits.

Indicate method used: P for ICP; A for Flame AA and F for Furnace.

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3910

Date 7.30.87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-01

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	26* F	15.	Mercury	0.12 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.5 P	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	40 * F		Precent Solids (%)	74.10

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3911

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-012

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	45 * F	15.	Mercury	0.14 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	3.7 P	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	13 * F		Precent Solids (%)	63.32

Cyanide ____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3906

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-007

CASE NO. 30870-1108

Lab Receipt Date 6/24/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12UP	14.	Manganese	
3.	Arsenic	5.3* F	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	27 * F		Precent Solids (%)	~~0.1U~~ KMC 7/30 81.49

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3907

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-008

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	4.9* F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	24 * F		Precent Solids (%)	86.19

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3908

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-009

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	4.1* F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	15 * F		Precent Solids (%)	82.03

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3903

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-004

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	6.3* F	15.	Mercury	0.10 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	30 * F		Precent Solids (%)	76.73

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3904

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-005

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	3.8* F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	10 * F		Precent Solids (%)	84.49

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No.
39002P.109.0.6

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-001

CASE NO. 30870-1108

Lab Receipt Date 6/24/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12UP	14.	Manganese	
3.	Arsenic	6.0* F	15.	Mercury	0.13 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	36 * F		Precent Solids (%)	68.49

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3901 | 2P 109 6"-2.5"

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-002

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UP	14.	Manganese	
3.	Arsenic	3.8* F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	20 * F		Precent Solids (%)	81.97

Cyanide ____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3913

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GLWC
SOW NO. RBS
LAB SAMPLE ID. NO. 1108-014

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UP	14. Manganese	
3. Arsenic	4.0 * F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	3.7 P	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	16 * F	Precent Solids (%)	79.40
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3914

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-015

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	40* F	15.	Mercury	0.12 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	2.3 P	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	7.4 * F		Precent Solids (%)	55.83

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3915

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-016

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	6.4* F	15.	Mercury	1.2 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	220 * F		Precent Solids (%)	80.48

Cyanide ____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3916

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-017

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	7.1* F	15.	Mercury	0.57 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	843 P		Precent Solids (%)	78.86

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3918

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-019

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.3* F	15. Mercury	0.1U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	27 * F	Precent Solids (%)	82.60
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3919

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-020

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	7.3* F	15.	Mercury	0.17 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	63 * F		Precent Solids (%)	78.39

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3920

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-021

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum
2. Antimony 12 UPN
3. Arsenic 43 * F
4. Barium
5. Beryllium
6. Cadmium 2.1 P
7. Calcium
8. Chromium
9. Cobalt
10. Copper
11. Iron
12. Lead 30 * F
13. Magnesium
14. Manganese
15. Mercury 0.1 U CVAA
16. Nickel
17. Potassium
18. Selenium
19. Silver
20. Sodium
21. Thallium
22. Vanadium
23. Zinc

Cyanide

Precent Solids (%) 53.07

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3922

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/24/87

LAB SAMPLE ID. NO. 1108-023

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	4.8 * F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.5 P	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	17 * F	Precent Solids (%)	85.04

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
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703/557-2490 FTS: 8-557-2490

EPA Sample No. 3923

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-024

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	5.7* F	15. Mercury	0.26 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	109 P	Precent Solids (%)	81.75
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3924

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-025

CASE NO. 30870-1108
Lab Receipt Date 6/24/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12UPN	14.	Manganese	
3.	Arsenic	4.4* F	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	11 * F		Precent Solids (%)	82.44

Cyanide ____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3926

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-027

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.5* F	15. Mercury	0.1U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	15 * F	Precent Solids (%)	81.97
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3928

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-028

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	31 * S F	15. Mercury	0.11 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	12 * F	Precent Solids (%)	53.93
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3925

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-029

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	40 * F	15. Mercury	0.15 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	12 * F	Precent Solids (%)	46.36
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3934

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-036

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.6 * F	15.	Mercury	0.93 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	15 * F		Precent Solids (%)	87.16

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3935

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-037

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ____ Soil ✓ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	7.5* F	15.	Mercury	2.7 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	28 * F		Precent Solids (%)	88.92

Cyanide ____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager ____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3936

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME GWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-038

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	7.2 * 5 F	15. Mercury	0.27 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	27 * F	Precent Solids (%)	63.62

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3937

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-039

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	14* F	15.	Mercury	0.18 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	23 * F			

Cyanide _____

Precent Solids (%) 65.50

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3959

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-060

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.5 ~~K~~ KNC 8/11 F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.3 ~~P~~ KNC 8/4	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	25 S F	Precent Solids (%)	83.61
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3957

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-061

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	16 F	15.	Mercury	0.11 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.9 ~~PN~~ vm 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	20 S F		Precent Solids (%)	81.25
	Cyanide				

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3960

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-062

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	123 PN	14.	Manganese	
3.	Arsenic	37 F	15.	Mercury	4.6 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	2.8 PN VM 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	82 PN VM 8/4		Precent Solids (%)	82.94

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3961

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-063

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or (mg/kg) dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	11 N F	15.	Mercury	0.34 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	191 P		Precent Solids (%)	74.60

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3962

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-064

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	9.0 UN F	15.	Mercury	0.30 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	81 UP		Precent Solids (%)	80.81

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3969

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-071

CASE NO. 30870-1108

Lab Receipt Date 6/26/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	4.2 UMC 8/4 N F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	343 P	Precent Solids (%)	78.80
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3967

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-069

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.0 KEK 8/11 N F	15. Mercury	0.1U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	9.3 F	Precent Solids (%)	81.62
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3963

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-065

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.8 NF	15.	Mercury	0.27 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	19 F		Precent Solids (%)	84.58

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3964

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-066

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	7.8 NSF	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	26 S F		Precent Solids (%)	86.21

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3965

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-067

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	6.2 U KMK 8/11 N F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	97 P	Precent Solids (%)	60.04
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3971

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-073

CASE NO. 30870-1108

Lab Receipt Date 6/26/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	4.7 ~~UPN~~ 8/11 NF	15. Mercury	0.21 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	181 P	Precent Solids (%)	80.49
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3974

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-075

CASE NO. 30870-1108

Lab Receipt Date 6/26/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.3 ug/g N F	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.3 P	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	17 F	Precent Solids (%)	84.56
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3976

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-077

CASE NO. 30870-1108

Lab Receipt Date 6/26/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	3.5 ~~K~~ KMC 8/11 NF	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	33 F		Precent Solids (%)	85.71

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3929

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-031

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	52 * F	15.	Mercury	0.40 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	14 * F		Precent Solids (%)	58.58

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3930

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-032

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	26* F	15.	Mercury	0.17 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	8.1 * F		Precent Solids (%)	52.20

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3931

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC
SOW NO. 785
LAB SAMPLE ID. NO. 1108-033

CASE NO. 30870-1108
Lab Receipt Date 6/25/87
QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	42* F	15.	Mercury	0.22 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	2.3 P	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	9.0 * F		Precent Solids (%)	47.54

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3933

Date 7-30-87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-034

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12UPN	14. Manganese	
3. Arsenic	24* F	15. Mercury	≠
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	20 * F	Precent Solids (%)	57.20
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ≠ No sample left to perform Mercury Analysis. KM 7/31/87

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3978

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-079

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	6.8 ~~ug/L~~ mg/kg NF	15. Mercury	0.1U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	20 F	Precent Solids (%)	85.02
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3939

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108041

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	42 F	15. Mercury	1.7 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	2.6 PN ~~PN~~ 8/4	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	13 F	Precent Solids (%)	60.31
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3940

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-042

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	27 F	15. Mercury	0.22 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	2.6	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	9.2 S F	Precent Solids (%)	56.57

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3941

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108043

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	34 F	15.	Mercury	0.50 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN KM 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	14 F		Precent Solids (%)	53.83

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3942

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-044

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or (mg/kg) dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 OPN	14.	Manganese	
3.	Arsenic	3.9 ~~K~~ 1mk 8/11 F	15.	Mercury	0.24 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 OPN ~~X~~ mk 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	8.6 F		Precent Solids (%)	82.11

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3951

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-053

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	14 F	15. Mercury	0.16 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	5.2 PAN 8/4	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	30 F	Precent Solids (%)	77.70
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3952

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-054

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	59 F	15.	Mercury	0.98 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN mc 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	12 F		Precent Solids (%)	59.38

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3953

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-055

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	16 F	15.	Mercury	0.69 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN m 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	19 S F		Precent Solids (%)	75.62

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3954

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-056

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	44 F	15.	Mercury	0.45 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN 1/m 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	13 F		Precent Solids (%)	77.05

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3955

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-057

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	60 F	15.	Mercury	0.25 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN VM 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	19 F		Precent Solids (%)	64.10

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3956

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-058

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or (mg/kg) dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	55 F	15.	Mercury	0.56 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.6 PN ~~vm~~ 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	18 F		Precent Solids (%)	67.43

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3980

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-081

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	6.5 NSF	15.	Mercury	0.22 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	31 SF		Precent Solids (%)	83.25

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

ontract Laboratory Program
agement Office
18 - Alexandria, VA 22313
90 FTS: 8-557-2490

EPA Sample No. 3944

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

WC, INC
785

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

ID. NO. 1108-046

QC REPORT NO. 1108

Elements Identified and Measured

on: Low _____ Medium _____

ter _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

m		13. Magnesium	
y	12 UPN	14. Manganese	
	21 SF	15. Mercury	0.19 CVAA
		16. Nickel	
um		17. Potassium	
	1.0 UPN MC014	18. Selenium	
		19. Silver	
		20. Sodium	
		21. Thallium	
		22. Vanadium	
		23. Zinc	
	15 F	Precent Solids (%)	64.33

For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3945

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-047

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	26 F	15.	Mercury	0.41 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 OPX MR 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	12 F		Precent Solids (%)	61.45

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3946

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-048

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	20 F	15.	Mercury	0.28 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN ~~VM~~ 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	7.9 F		Precent Solids (%)	44.86

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3947

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-049

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or (mg/kg) dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	2.9u F	15.	Mercury	0.1 u CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	2.1 PAT 1mc 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	9.8 F		Precent Solids (%)	70.10

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3948

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/25/87

LAB SAMPLE ID. NO. 1108-050

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	14 F	15. Mercury	0.42 CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.8 ~~PN~~ KM 8/4	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	27 KM 8/13 ~~26~~ S F	Precent Solids (%)	76.77

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3949

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-051

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	33 F	15.	Mercury	0.26 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.4 PN 1m 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	23 F		Precent Solids (%)	68.52

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3950

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-052

CASE NO. 30870-1108

Lab Receipt Date 6/25/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	12 F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UPN ~~VM~~ 8/4	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	17 F		Precent Solids (%)	72.20

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3983

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-084

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	3.2 ~~ug~~ mg/kg N F	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	18 S F		Precent Solids (%)	79.90

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3080

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/26/87

LAB SAMPLE ID. NO. 1108-086

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	3.9 NF	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	19 F		Precent Solids (%)	85.44

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3997

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/27/87

LAB SAMPLE ID. NO. 1108-089

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	5.1 SNF	15.	Mercury	0.17 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	325 P		Precent Solids (%)	82.24

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3998

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/30/87

LAB SAMPLE ID. NO. 1108-106

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.6 S NF	15.	Mercury	0.19 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	76 P		Precent Solids (%)	72.32

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3999

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC.

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/30/87

LAB SAMPLE ID. NO. 1108-107

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	9.9 ~~N~~ PMC 0111 N/F	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	22 F		Precent Solids (%)	51.30
	Cyanide				

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 4000

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME VWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/27/87

LAB SAMPLE ID. NO. 1108-090

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	5.1 NF	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	27 SF		Precent Solids (%)	68.29

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3079

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1108-091

CASE NO. 30870-1108

Lab Receipt Date 6/27/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.3 NF	15.	Mercury	0.14 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	69 P		Precent Solids (%)	79.36

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3084

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/30/87

LAB SAMPLE ID. NO. 1108-109

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	3.0 SNF	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	12 F		Precent Solids (%)	85.62

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3085

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/30/87

LAB SAMPLE ID. NO. 1108-108

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	3.0 UPN NF	15. Mercury	0.1u CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	14 F	Precent Solids (%)	69.45
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3086

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/27/87

LAB SAMPLE ID. NO. 1108-092

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.0 NF	15.	Mercury	0.1 U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	24 SF		Precent Solids (%)	84.86

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. 3985

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC; INC

CASE NO. 30870-1108

SOW NO. 785

Lab Receipt Date 6/27/87

LAB SAMPLE ID. NO. 1108-093

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.1s NF	15.	Mercury	0.1u CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.8 P	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	53 P		Precent Solids (%)	81.26

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager _____

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. SP-1-3128

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, TNC

CASE NO. 30870-1131

SOW NO. 785

Lab Receipt Date 7/1/87

LAB SAMPLE ID. NO. 1131-028

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	4.0 SNF	15.	Mercury	0.40 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	91 SF		Precent Solids (%)	89.10

Cyanide _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager J. Chu

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. SD-2-3129

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC; TNC

CASE NO. 30870-1131

SOW NO. 785

Lab Receipt Date 7/1/87

LAB SAMPLE ID. NO. 1108-029

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	12 UPN	14.	Manganese	
3.	Arsenic	5.0 SNF	15.	Mercury	0.1U CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	1.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	11 SF			

Cyanide _____

Precent Solids (%) 90.73

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: _____

Lab Manager [signature]

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. SD-3-3130

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1131-030

CASE NO. 30870-1131

Lab Receipt Date 7/1/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low _____ Medium _____

Matrix: Water _____ Soil ✓ Sludge _____ Other _____

ug/L or mg/kg dry weight (Circle One)

1. Aluminum		13. Magnesium	
2. Antimony	12 UPN	14. Manganese	
3. Arsenic	5.6 SNF	15. Mercury	0.1 U CVAA
4. Barium		16. Nickel	
5. Beryllium		17. Potassium	
6. Cadmium	1.0 UP	18. Selenium	
7. Calcium		19. Silver	
8. Chromium		20. Sodium	
9. Cobalt		21. Thallium	
10. Copper		22. Vanadium	
11. Iron		23. Zinc	
12. Lead	16 SF	Precent Solids (%)	81.26
Cyanide			

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments:

Lab Manager J. Curran

Form I

U.S. EPA Contract Laboratory Program
Sample Management Office
P.O. Box 818 - Alexandria, VA 22313
703/557-2490 FTS: 8-557-2490

EPA Sample No. FB3360

Date 8/4/87

INORGANIC ANALYSIS DATA SHEET

LAB NAME YWC, INC

SOW NO. 785

LAB SAMPLE ID. NO. 1131-032

CASE NO. 30870-1131

Lab Receipt Date 7/1/87

QC REPORT NO. 1108

Elements Identified and Measured

Concentration: Low ____ Medium ____

Matrix: Water ✓ Soil ____ Sludge ____ Other ____

ug/L or mg/kg dry weight (Circle One)

1.	Aluminum		13.	Magnesium	
2.	Antimony	60 UPN	14.	Manganese	
3.	Arsenic	10 USF	15.	Mercury	0.22 CVAA
4.	Barium		16.	Nickel	
5.	Beryllium		17.	Potassium	
6.	Cadmium	5.0 UP	18.	Selenium	
7.	Calcium		19.	Silver	
8.	Chromium		20.	Sodium	
9.	Cobalt		21.	Thallium	
10.	Copper		22.	Vanadium	
11.	Iron		23.	Zinc	
12.	Lead	7.6 F			

Cyanide ____

Precent Solids (%) 0

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definition of such flags must be explicit and contained on Cover Page, however.

Comments: ____

Lab Manager [signature]

YWC ORGANICS CASE DATA
PACKAGE FOR AQUEOUS SAMPLES

FIRST ROUND

ORGANICS

COMPLETE CASE DATA PACKAGE

NYSDEC

30870-0373

1.Case Narrative

NYSDEC

30870-0373

YORK LABORATORIES DIVISION

CASE NARRATIVE 30870-0373 Organics Only

This case narrative pertains to the organic data package for York Laboratories Division of YWC, Inc. Job #30870-0373. Seventeen (17) aqueous samples were received on December 13, 1986, identified as follows:

Laboratory Identification	Client Identification
0373-001	2369 Swale #1 Upgradient
0373-002	2370 Swale #2 Downgradient
0373-003	2371 SMW-1
0373-004	2388 SMW-2
0373-005	2389 SMW-3
0373-006	2390 SMW-4
0373-007	2391 SMW-5
0373-008	2392 SMW-6
0373-009	2393 SMW-7
0373-010	2394 SMW-8
0373-011	2395 SMW-9
0373-012	2396 Well #7135
0373-013	2397 Well #7140
0373-014	2398 Well #7145
0373-015	2399 Well #7150
0373-016	2400 Field Blank Water
0373-017	3263 Trip Blank

The samples received were all liquids and analyzed for full HSL-organics. The following items were noted in the course of analysis:

Volatile Organics

The matrix spike and matrix spike duplicate recoveries for 1,1-Dichloroethene were slightly above the contract-required limits. As the RPD was close (4 percent) and surrogates were in this is attributed to a matrix effect.

Base-Neutral/Acid Extractable Organics

No items noted.

Pesticide/PCB's

Two samples showed DBC retention time shift greater than the contract limit of 2 percent. These samples were reanalyzed with the same result. The following samples exhibited this phenomena:

Primary Column	Confirming Column
2369 Swale #1 Upgradient	2390 SMW-4

The reason for the retention time shift was due to coeluting peaks which caused the DBC retention time to be outside the limit.

General

Insufficient sample was received to analyze a matrix spike and matrix spike duplicate for base-neutral/acids and pesticide/ PCB's. No spiking data is therefore reported.

Regarding tentatively identified compounds our data system software (Hewlett-Packard Aquarius package) utilizes the McLafferty U + a algorithm to qualify spectra during library search. York Labs sets the prefiltration of spectral match criteria to the minimum the software allows, which for the most part, gives three (3) matches to the TIC spectra. However occasionally there are not three (3) matches which meet the algorithm criteria. In these cases, none, one, or two closest matches are retrieved which indicates that no other matches are within the criteria (algorithm U + a) and the data system will not be able to report three (3) matches.

Jeffrey C. Curran
Laboratory Manager

2.QC Summary

NYSDEC

30870-0373

WATER SURROGATE PERCENT RECOVERY SUMMARY

Case No. NYDEC 30870-0773 Contract Laboratory YorkLabs Contract No. _____

SMO TRAFFIC NO.	VOLATILE: TOLUENE-D8 (88-110)	VOLATILE: BFB (86-115)	VOLATILE: 1,2 DICHLORO-ETHANE-D4 (76-114)	SEMI-VOLATILE: NITRO-BENZENE-D5 (35-114)	SEMI-VOLATILE: 2-FLUORO-BIPHENYL (43-116)	SEMI-VOLATILE: TERPHENYL-D14 (33-141)			SEMI-VOLATILE: PHENOL-D5 (10-94)	SEMI-VOLATILE: 2-FLUORO-PHENOL (21-100)	SEMI-VOLATILE: 2,4,6 TRIBROMO-PHENOL (10-123)	PESTICIDE: ** DIBUTYL-CHLORENDATE (24-154)
M.B17BX777	96	94	92	65 NR	NR	NR			NR	NR	NR	NR
M.B17BX798	106	108	112	NR	NR	NR			NR	NR	NR	NR
M.B17BX814	94	94	92	NR	NR	NR			NR	NR	NR	NR
M.B17BX927	102	98	100	NR	NR	NR			NR	NR	NR	NR
2369	102	104	100	54	54	91			35	47	63	760*
2370	96	102	102	56	64	90			36	46	23	136
2371	100	106	100	63	70	92			36	38	23	102
2388	98	100	100	76	79	90			54	54	57	71
2389	100	100	102	55	55	98			38	45	36	126
2390	100	100	102	63	64	60			37	44	59	520*
2391	104	104	110	51	57	55			37	51	48	108
2392	90	90	88	63	67	66			28	36	55	67
2393	106	106	112	62	64	60			29	40	64	60
2394	90	90	90	53	47	55			28	38	64	95
2395	98	100	108	56	57	60			34	44	53	182*
2396	106	104	114	46	40*	52			21	25	39	195*
2397	92	96	96	59	54	63			35	49	54	96
2398	88	88	94	57	54	56			25	35	50	153
2399	90	92	92	55	49	61			15	17*	35	86
2400	104	104	104	49	46	61			30	44	44	90
2263	88	88	92	NR	NR	NR			NR	NR	NR	NR
2391MS	98	98	104	NR	NR	NR			NR	NR	NR	NR
2391MSD	100	96	106	NR	NR	NR			NR	NR	NR	NR
M.B1.BNA	NR	NR	NR	65	71	91		36	36	49	19	NR
M.B1 Pest	NR	NR	NR	NR	NR	NR			NR	NR	NR	350*

* VALUES ARE OUTSIDE OF CONTRACT REQUIRED QC LIMITS

** ADVISORY LIMITS ONLY

Volatiles: 0 out of 69 ; outside of QC limits

Semi-Volatiles: 2 out of 114 ; outside of QC limits

Pesticides: 6 out of 19 ; outside of QC limits

Comments: _____

000006

WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Case No. NYDEC 3082-0373 Contractor York Labs Contract No. _____

FRACTION	COMPOUND	CONC. SPIKE ADDED (ug/L)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS* RPD	QC LIMITS* RECOVERY
VOA SMO SAMPLE NO. 2351	1,1-Dichloroethene	50	0	84	168*	87	174*	4	14	61-145
	Trichloroethene	50	0	58	116	56	112	4	14	71-120
	Chlorobenzene	50	0	51	102	53	106	4	13	75-130
	Toluene	50	0	54	108	57	114	5	13	76-125
	Benzene	50	0	59	118	61	122	3	11	76-127
B/N SMO SAMPLE NO. _____	1,2,4-Trichlorobenzene								28	39-98
	Acenaphthene								31	46-118
	2,4 Dinitrotoluene								38	24-96
	Pyrene								31	26-127
	N-Nitroso-Di-n-Propylamine								38	41-116
	1,4-Dichlorobenzene								28	36-97
ACID SMO SAMPLE NO. _____	Pentachlorophenol								50	9-103
	Phenol								42	12-89
	2-Chlorophenol								40	27-123
	4-Chloro-3-Methylphenol								42	23-97
	4-Nitrophenol								50	10-80
PEST SMO SAMPLE NO. _____	Lindane								15	56-123
	Heptachlor								20	40-131
	Aldrin								22	40-120
	Dieldrin								18	52-126
	Endrin								21	56-121
	4,4'-DDT								27	38-127

*ASTERISKED VALUES ARE OUTSIDE QC LIMITS.

RPD: VOAs 0 out of 5 ; outside QC limits
B/N _____ out of _____ ; outside QC limits
ACID _____ out of _____ ; outside QC limits
PEST _____ out of _____ ; outside QC limits

RECOVERY: VOAs 2 out of 10 ; outside QC limits
B/N _____ out of _____ ; outside QC limits
ACID _____ out of _____ ; outside QC limits
PEST _____ out of _____ ; outside QC limits

Comments: _____

000007

METHOD BLANK SUMMARY

Case No. NYDEC,30870-0373 Region _____ Contractor York Labs Contract No. _____

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	CAS NUMBER	COMPOUND (HSL, TIC OR UNKNOWN)	CONC.	UNITS	CRDL
7BX777	12/13/86	VOA	Water	Low	B	75-09-2	Methylene Chloride (HSL)	3J	ug/L	5
						67-64-1	Acetone (HSL)	9J		10
						67-66-3	Chloroform (HSL)	3J		5
						78-93-3	2-Butanone (HSL)	5J		10
						71-55-6	1,1,1-Trichloroethane (HSL)	1J		5
						79-01-6	Trichloroethylene (HSL)	1J		5
						71-43-2	Benzene (HSL)	2J		5
						127-18-4	Tetrachloroethene (HSL)	1J		5
						79-34-5	1,1,2,2-Tetrachloroethane (HSL)	2J		5
						108-88-3	Toluene (HSL)	1J		5
						100-41-4	Ethylbenzene (HSL)	2J		5
7BX798	12/14/86	VOA	Water	Low	B	75-09-2	Methylene Chloride (HSL)	6	ug/L	5
						67-64-1	Acetone (HSL)	10		10
						67-66-3	Chloroform (HSL)	2J		5
						78-93-3	2-Butanone (HSL)	7J		10
						79-01-6	Trichloroethene (HSL)	2J		5
						71-43-2	Benzene (HSL)	1J		5
						108-10-1	4-Methyl-2-Pentanone (HSL)	6J		10
						591-78-6	2-Hexanone (HSL)	7J		10

Comments:

000008

METHOD BLANK SUMMARY

Case No. NYDEC 30870-0373 Region _____ Contractor Yorklabs Contract No. _____

FILE ID	DATE OF ANALYSIS	FRACTION	MATRIX	CONC. LEVEL	INST. ID	CAS NUMBER	COMPOUND (HSL, TIC OR UNKNOWN)	CONC.	UNITS	CRDL
7BX798	12/14/86	VOA	Water	Low	B	79-34-5	1,1,2,2-Tetrachloroethane (HSL)	3J	ug/L	5
↓	↓	↓	↓	↓	↓	100-41-4	Ethylbenzene (HSL)	2J	↓	5
7BX814	12/16/86	VOA	Water	Low	B	75-09-2	Methylene Chloride (HSL)	4J	ug/L	5
						67-66-3	Chloroform (HSL)	0.8J		5
						78-93-3	2-Butanone (HSL)	4J		10
						108-10-1	4-Methyl-2-Pentanone (HSL)	3J		10
						108-88-3	Toluene (HSL)	1J		5
						100-41-4	Ethylbenzene (HSL)	2J		5
						591-78-6	2-Hexanone (HSL)	4J	ug/L	10
7BX927	12/19/86	VOA	Water	Low	B	75-09-2	Methylene Chloride (HSL)	3J	ug/L	5
↓	↓	↓	↓	↓	↓	67-64-1	Acetone (HSL)	8J	ug/L	10
7C3854	12/31/86	BNA	Water	Low	MSC	N/A	No HSL Semivolatile compounds detected	N/A	N/A	N/A
						123864	Acetic acid, butyl ester - (TIC)	25	ug/L	N/A
						N/A	Aldol Condensation product	21	ug/L	N/A
						128370	Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl (TIC)	12	ug/L	N/A
nysdec 7.023a	1/3/87	Pest	Water	L	GC#2	NA	None detected	N/A	N/A	N/A

Comments:

FORM IV

7/85

600000

GC/MS TUNING AND MASS CALIBRATION
Decafluorotriphenylphosphine (DFTPP)

Case No. Calibration Contractor York Laboratories Contract No. 68-01-7157

Instrument ID MSC Date 12-24-86 Time 0854

Lab ID >CD374 Data Release Authorized By: JF Halay

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.7
68	less than 2.0% of mass 69	<0.1 (<0.2)[1]
69	mass 69 relative abundance	65.3
70	less than 2.0% of mass 69	0.2 (0.3)[1]
127	40.0 - 60.0% of mass 198	41.6
197	less than 1.0% of mass 198	<0.1
198	base peak, 100% relative abundance	100
199	5.0 - 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.4
365	greater than 1.00% of mass 198	2.43
441	present, but less than mass 443	7.3
442	greater than 40.0% of mass 198	56.8
443	17.0 - 23.0% of mass 442	10.5 (18.5)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1] Value in parenthesis is % mass 69.
[2] Value in parenthesis is % mass 442

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
20 ppm Std	>C3797	12-24-86	0950
50 ppm Std	>C3798	12-24-86	1045
80 ppm Std	>C3799	12-24-86	1141
120 ppm Std	>C3800	12-24-86	1237
160 ppm Std	>C3801	12-24-86	1333

mr6034
YWC/SRS 0391
NEW 0397
Hart/Comdet 0394
N4SDEC 0373

GC/MS TUNING AND MASS CALIBRATION
Decafluorotriphenylphosphine (DFTPP)

Case No. EPA 6661 Contractor York Laboratories Contract No. 68-01-7157

Instrument ID MSC Date 12-30-86 Time 10:51

Lab ID >CD376 Data Release Authorized By: JF Halasy

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	less than 2.0% of mass 69	<0.1 (<0.1)[1]
69	mass 69 relative abundance	65.5
70	less than 2.0% of mass 69	0.01 (0.02)[1]
127	40.0 - 60.0% of mass 198	40.9
197	less than 1.0% of mass 198	<0.1
198	base peak, 100% relative abundance	100
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	20.6
365	greater than 1.00% of mass 198	1.75
441	present, but less than mass 443	7.4
442	greater than 40.0% of mass 198	53.2
443	17.0 - 23.0% of mass 442	9.9 (18.6)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 69.
[2]Value in parenthesis is % mass 442

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50/80 calib. check	>C3826	12-30-86	1146
6661; BH 627	>C3827	12-30-86	1243
6661; BH 628	>C3828	12-30-86	1339
6661; BH 629	>C3829	12-30-86	1434
6661; BH 630	>C3830	12-30-86	1530
6661; BH 636	>C3831	12-30-86	1626
6661; BH 637	>C3832	12-30-86	1721
6661; BH 638	>C3833	12-30-86	1817
method Blank 12/11/86	>C3834	12-30-86	1912
6661; BH639MS	>C3835	12-30-86	2008
6661; BH639MSD	>C3836	12-30-86	2103
0373-001	>C3837	12-30-86	2159
0394-001	>C3838	12-30-86	2255
0397-001	>C3839	12-30-86	2351
0397-002	>C3840	12-31-86	0046
0397-003	>C3841	12-31-86	0142

YWC/Ty Cooper-0411
NEU 0397
MtE
YWC/NYSDEC 0373

GC/MS TUNING AND MASS CALIBRATION
Decafluorotriphenylphosphine (DFTPP)

Case No. EPA 6661 Contractor York Laboratories Contract No. 68-01-7157

Instrument ID MSC Date 12-31-86 Time 0926

Lab ID >C0377 Data Release Authorized By: J F Haley

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	50.0
68	less than 2.0% of mass 69	1.2 (1.8)[1]
69	mass 69 relative abundance	~~67.49~~ 67.5
70	less than 2.0% of mass 69	0.5 (0.7)[1]
127	40.0 - 60.0% of mass 198	43.6
197	less than 1.0% of mass 198	<0.1
198	base peak, 100% relative abundance	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	21.3
365	greater than 1.00% of mass 198	2.14
441	present, but less than mass 443	<0.1
442	greater than 40.0% of mass 198	47.6
443	17.0 - 23.0% of mass 442	9.3 (19.5)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1] Value in parenthesis is % mass 69.
[2] Value in parenthesis is % mass 442

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50/80 calcheck	>C3849	12-31-86	1021
6661; BH640	>C3850	12-31-86	1120
6661; BH605MS	>C3851	12-31-86	1216
6661; BH604	>C3852	12-31-86	1311
6661; BH605	>C3853	12-31-86	1407
Method Blank 12/15/86	>C3854	12-31-86	1503
Blank MS 12/15/86	>C3855	12-31-86	1559
Blank MSD 12/15/86	>C3856	12-31-86	1655
0373-002	>C3857	12-31-86	1751
0373-003	>C3858	12-31-86	1847
0373-004	>C3859	12-31-86	1943
0373-005	>C3860	12-31-86	2038
0397-010	>C3861	12-31-86	2134
Method Blank 12/29/86	>C3862	12-31-86	2230
0411-002	>C3863	Did not inject;	ACS error
Method Blank 12/29/86	>C3864	Did not inject;	ACS error

GC/MS TUNING AND MASS CALIBRATION
Decafluorotriphenylphosphine (DFTPP)

Case No. YWC/Tyler Cooper 0411 YWC/NYSDEC 0373 Contractor York Laboratories Contract No. 68-01-7157

Instrument ID MSC Date 01-01-87 Time 0738

Lab ID >CD378 Data Release Authorized By: JF Halasy

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.6
68	less than 2.0% of mass 69	<0.1 (<0.2)[1]
69	mass 69 relative abundance	66.6
70	less than 2.0% of mass 69	<0.1 (<0.2)[1]
127	40.0 - 60.0% of mass 198	41.0
197	less than 1.0% of mass 198	<0.1
198	base peak, 100% relative abundance	100
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	20.8
365	greater than 1.00% of mass 198	2.19
441	present, but less than mass 443	7.5
442	greater than 40.0% of mass 198	53.0
443	17.0 - 23.0% of mass 442	9.3 (17.5)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 69.
[2]Value in parenthesis is % mass 442

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
5d/80 cal check	>C3867	01-01-87	0834
0373-006	>C3868	01-01-87	0936
0373-007	>C3869	01-01-87	1032
0373-008	>C3870	01-01-87	1127
0373-009	>C3871	01-01-87	1223
0373-010	>C3872	01-01-87	1319
0373-011	>C3873	01-01-87	1415
0373-012	>C3874	01-01-87	1511
0373-013	>C3875	01-01-87	1606
0373-014	>C3876	01-01-87	1702
0373-015	>C3877	01-01-87	1758
0373-016	>C3878	01-01-87	1854
Meth Blank; 12/29 (wipe)	>C3879	01-01-87	1950
0411-002	>C3880	01-01-87	2046
0411-001	>C3881	01-01-87	2142
Meth Blank; 12/17 (new col)	>C3882	01-01-87	2238

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC, 38870-0373 Contractor YorkLabs Contract No. _____

Instrument ID B Date 12/12/86 Time 13:22

Lab ID >BXB72 Data Release Authorized By: [signature]

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	24.8
75	30.0 - 60.0% of the base peak	58.2
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	7.4
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	98.5
175	5.0 - 9.0% of mass 174	7.9 (8.0)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	98.8 (100.3)[1]
177	5.0 - 9.0% of mass 176	6.9 (7.0)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50ppb HSL00A Std	>BX755	12/12/86	13:55
20ppb HSL00A Std	>BX756	↓	15:23
100ppb HSL00A Std	>BX757		16:08
150ppb HSL00A Std	>BX758		16:54
200ppb HSL00A Std	>BX755		17:39

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC 30870-0373 Contractor YorkLabs Contract No. _____

Instrument ID B Date 12/14/86 Time 07:44

Lab ID >BxB76 Data Release Authorized By: [signature]

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	27.5
75	30.0 - 60.0% of the base peak	57.6
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	6.7
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	73.7
175	5.0 - 9.0% of mass 174	5.2 (7.1)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	~~4~~ 71.0 (96.3)[1]
177	5.0 - 9.0% of mass 176 [illegible] 2/13/87	4.6 (6.4)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
20 ppb HSL VOA Std	>BX790	12/14/86	09:13
50 ppb HSL VOA Std	>BX791	↓	09:58
100 ppb HSL VOA Std	>BX792	↓	10:43
150 ppb HSL VOA Std	>BX793	↓	11:29
200 ppb HSL VOA Std	>BX794	↓	12:14

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC 30870-0373 Contractor York Labs Contract No. _____

Instrument ID B Date 12/17/86 Time 09:23

Lab ID >BXB79 Data Release Authorized By: John C. Calich

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	23.3
75	30.0 - 60.0% of the base peak	59.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	6.7
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	74.5
175	5.0 - 9.0% of mass 174	5.5 (7.3)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	72.7 (97.7)[1]
177	5.0 - 9.0% of mass 176	4.8 (6.7)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50ppb HSL00A Std	>BX830	12/17/86	10:08
20ppb HSL00A Std	>BX831		12:09
100ppb HSL00A Std	>BX832		12:55
150ppb HSL00A Std	>BX833		13:40
200ppb HSL00A Std	>BX834		14:25

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC 30870-0373 Contractor York Labs Contract No. _____

Instrument ID B Date 12/13/86 Time 16:14

Lab ID >BXB75 Data Release Authorized By: [signature]

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	23.3
75	30.0 - 60.0% of the base peak	56.1
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	7.6
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	75.9
175	5.0 - 9.0% of mass 174	5.4 (7.1)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	73.6 (96.9)[1]
177	5.0 - 9.0% of mass 176	5.1 (7.0)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50ppbContGICHR	>BX776	12/13/86	19:34
MethodBlank	>BX777	12/13/86	20:24
2369	>BX783	12/14/86	01:25
2371	>BX784	↓	02:10
2388	>BX785		02:55
2389	>BX786		03:46
2390	>BX787		04:26
2370	>BX788		05:11

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC,30870-0373 Contractor York Labs Contract No. _____

Instrument ID B Date 12/14/86 Time 0013:12

Lab ID 7BXB77 Data Release Authorized By: [signature]

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	23.3
75	30.0 - 60.0% of the base peak	58.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	6.7
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	73.8
175	5.0 - 9.0% of mass 174	5.1 (6.9)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	71.6 (97.1)[1]
177	5.0 - 9.0% of mass 176	4.7 (6.5)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50CentGICHK	7BX797	12/14/86	15:46
Methodblank	7BX798		17:02
2391	7BX799		17:47
2391MS	7BX800		18:32
2391MSD	7BX801		19:18
2393	7BX803		20:48
2395	7BX805		22:18
2396	7BX806		23:03

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYREC 30870-0373 Contractor YorkLabs Contract No. _____

Instrument ID B Date 12/16/86 Time 10:51

Lab ID 7BXB78 Data Release Authorized By: [signature]

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	22.4
75	30.0 - 60.0% of the base peak	56.8
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	6.3
173	Less than 1.0% of the base peak	<0.1
174	Greater than 50.0% of the base peak	75.4
175	5.0 - 9.0% of mass 174	5.4 (7.2)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	73.9 (98.1)[1]
177	5.0 - 9.0% of mass 176	5.0 (6.8)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50ppbCont.Cal Chk	7BX813	12/16/86	12:34
Method Blank	7BX814		13:33
2352	7BX815		14:32
2354	7BX816		15:17
2357	7BX817		16:02
2358	7BX818		16:48
2359	7BX819		17:33
3263	7BX821		18:04

GC/MS TUNING AND MASS CALIBRATION

Bromofluorobenzene (BFB)

Case No. NYDEC 30870-0373 Contractor YorkLabs Contract No.

Instrument ID b Date 12/19/86 Time 07:49

Lab ID 7BX685 Data Release Authorized By:

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE
50	15.0 - 40.0% of the base peak	23.6
75	30.0 - 60.0% of the base peak	59.9
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of the base peak	6.76
173	Less than 1.0% of the base peak	0.47
174	Greater than 50.0% of the base peak	74.9
175	5.0 - 9.0% of mass 174	5.43 (7.2)[1]
176	Greater than 95.0%, but less than 101.0% of mass 174	73.4 (98.0)[1]
177	5.0 - 9.0% of mass 176	5.0 (6.9)[2]

THIS PERFORMANCE TUNE APPLIES TO THE FOLLOWING SAMPLES, BLANKS AND STANDARDS.

[1]Value in parenthesis is % mass 174.
[2]Value in parenthesis is % mass 176.

SAMPLE ID	LAB ID	DATE OF ANALYSIS	TIME OF ANALYSIS
50ppbControlChk	7BX525	12/19/86	09:38
MethodBlank	7BX527	12/19/86	11:54
2400	7BX528	12/19/86	13:01

YWC LABORATORY RESULTS FOR
AQUEOUS SAMPLES

FIRST ROUND

TABLE 1.0
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0	2.0	1.0	1.0	
Method Blank I.D.	>BX777	>BX777	>BX777	>BX777	>DX777	
Compound	Method Blank	2369 Swale #1 Upgrad	2370 Swale #2 Downgrad	2371 SMW-1	2358 SMW-2	Lower Limits of Detection with no Dilution
chloromethane	U	U	U	U	U	10
bromomethane	↓	↓	↓	↓	↓	10
vinyl chloride	↓	↓	↓	↓	↓	10
chloroethane	↓	↓	↓	↓	↓	10
methylene chloride	3J	2JB	5JB	2JB	2JB	5
acetone	9J	6JB	13JB	18B	8JB	10
carbon disulfide	U	U	U	U	U	5
1,1-dichloroethene	↓	↓	↓	↓	↓	5
1,1-dichloroethane	↓	↓	↓	↓	↓	5
trans-1,2-dichloroethene	↓	↓	↓	↓	↓	5
chloroform	3J	0.7JB	3JB	1JB	↓	5
1,2-dichloroethane	U	U	U	U	↓	5
2-butanone	5J	3JB	↓	3JB	3JB	10
1,1,1-trichloroethane	0.8J	U	↓	U	U	5
carbon tetrachloride	U	↓	↓	↓	↓	5
vinyl acetate	↓	↓	↓	↓	↓	10
bromodichloromethane	↓	↓	↓	↓	↓	5
1,1,2,2-tetrachloroethane	2J	↓	↓	3JB	1JB	5
1,2-dichloropropane	U	↓	↓	U	U	5
trans-1,3-dichloropropene	U	↓	↓	U	↓	5
trichloroethene	1J	↓	↓	1JB	↓	5
dibromochloromethane	U	↓	↓	U	↓	5
1,1,2-trichloroethane	U	↓	↓	U	↓	5
benzene	2J	0.7JB	2JB	2JB	1JB	5
cis-1,3-dichloropropene	U	U	U	U	U	5
2-chloroethylvinylether	↓	↓	↓	↓	↓	10
bromoform	↓	↓	↓	↓	↓	5
2-hexanone	5J	↓	↓	↓	↓	10
4-methyl-2-pentanone	5J	↓	↓	↓	2JB	10
tetrachloroethene	1J	↓	↓	↓	U	5
toluene	1J	0.9JB	↓	1JB	↓	5
chlorobenzene	U	U	↓	U	↓	5
ethylbenzene	2J	1JB	↓	2JB	1JB	5
styrene	U	U	↓	U	U	5
total xylenes	U	U	↓	U	U	5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.1
CLIENT NYSDEC
JOB # 30570-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	7BX777	7BX777				
Compound	2389 SMW-3	2390 SMW-4				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane	↓	↓				10
vinyl chloride	↓	↓				10
chloroethane	↓	↓				10
methylene chloride	2JB	2JB				5
acetone	10B	U				10
carbon disulfide	U	↓				5
1,1-dichloroethene	↓	↓				5
1,1-dichloroethane	↓	↓				5
trans-1,2-dichloroethene	↓	↓				5
chloroform	↓	↓				5
1,2-dichloroethane	↓	↓				5
2-butanone	↓	↓				10
1,1,1-trichloroethane	↓	↓				5
carbon tetrachloride	↓	↓				5
vinyl acetate	↓	↓				10
bromodichloromethane	↓	↓				5
1,1,2,2-tetrachloroethane	2JB	↓				5
1,2-dichloropropane	U	↓				5
trans-1,3-dichloropropene	↓	↓				5
trichloroethene	↓	↓				5
dibromochloromethane	↓	↓				5
1,1,2-trichloroethane	↓	↓				5
benzene	1JB	0.8JB				5
cis-1,3-dichloropropene	U	U				5
2-chloroethylvinylether	↓	↓				10
bromoform	↓	↓				5
2-hexanone	2JB	↓				10
4-methyl-2-pentanone	2JB	2JB				10
tetrachloroethene	U	U				5
toluene	↓	↓				5
chlorobenzene	↓	↓				5
ethylbenzene	1JB	1JB				5
styrene	U	U				5
total xylenes	U	U				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.2
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Compound	Method Blank I.D.					Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	5.0	1.0	
Method Blank I.D.	>BX814	>BX814	>BX814	>BX814	>BX814	
	Method Blank	2392 SMW-6	2394 SMW-8	2397 Well #7140	2398 Well #7145	
chloromethane	U	3J	U	U	U	10
bromomethane		3J				10
vinyl chloride		3J				10
chloroethane		3J				10
methylene chloride	4J	4JB	4JB	28B	4JB	5
acetone	U	83	14	1100	14	10
carbon disulfide		U	U	U	U	5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	0.8J	2JB		10JB	1JB	5
1,2-dichloroethane	U	U		U	U	5
2-butanone	4J					10
1,1,1-trichloroethane	U					5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene		2J	0.6J			5
cis-1,3-dichloropropene		U	U			5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	4J					10
4-methyl-2-pentanone	3J					10
tetrachloroethene	U					5
toluene	1J					5
chlorobenzene	U					5
ethylbenzene	2J					5
styrene	U					5
total xylenes	U					5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.3
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	BX814	BX814				
Compound	2399 Well #7150	3263 Trip Blank				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	20B	6B				5
acetone	8J	6J				10
carbon disulfide	U	U				5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	2JB	4JB				5
1,2-dichloroethane	U	U				5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene	0.6J					5
cis-1,3-dichloropropene	U					5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.4
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Compound	Dilution Factor 1.0	1.0	1.0	1.0	1.0	Lower Limits of Detection with no Dilution
Method Blank I.D.	BX798	BX798	BX798	BX798	BX798	
	Method Blank	2391 SMW-5	2393 SMW-7	2395 SMW-9	2396 Well #7135	
chloromethane	U	U	U	U	U	10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	6	8B	10B	12B	12B	5
acetone	10	14B	18B	97B	18B	10
carbon disulfide	U	2J	U	U	U	5
1,1-dichloroethene		U				5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform	2J	2JB	1JB	1JB	1JB	5
1,2-dichloroethane	U	U	U	U	U	5
2-butanone	7J	4JB			5JB	10
1,1,1-trichloroethane	U	1J			U	5
carbon tetrachloride		U				5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane	3J	3JB			1JB	5
1,2-dichloropropane	U	U			U	5
trans-1,3-dichloropropene	U	U				5
trichloroethene	2J	1JB				5
dibromochloromethane	U	U				5
1,1,2-trichloroethane	U	U				5
benzene	1J	1JB		1JB	1JB	5
cis-1,3-dichloropropene	U	U		U	U	5
2-chloroethylvinylether						10
bromoform						5
2-hexanone	7J			3JB	2JB	10
4-methyl-2-pentanone	6J	3JB		3JB	2JB	10
tetrachloroethene	U	U		U	U	5
toluene						5
chlorobenzene						5
ethylbenzene	2J					5
styrene	U					5
total xylenes	U					5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.5
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	BX798	BX798				
Compound	2391 MS	2391 MSD				Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane	↓	↓				10
vinyl chloride	↓	↓				10
chloroethane	↓	↓				10
methylene chloride	15B	18B				5
acetone	15B	32B				10
carbon disulfide	2J	U				5
1,1-dichloroethene	↓	↓				5
1,1-dichloroethane	2J	U				5
trans-1,2-dichloroethene	U	U				5
chloroform	3JB	2JB				5
1,2-dichloroethane	U	U				5
2-butanone	↓	5JB				10
1,1,1-trichloroethane	↓	↓				5
carbon tetrachloride	2J	↓				5
vinyl acetate	U	↓				10
bromodichloromethane	↓	↓				5
1,1,2,2-tetrachloroethane	↓	↓				5
1,2-dichloropropane	↓	↓				5
trans-1,3-dichloropropene	↓	↓				5
trichloroethene	↓	↓				5
dibromochloromethane	U	U				5
1,1,2-trichloroethane	U	U				5
benzene	↓	↓				5
cis-1,3-dichloropropene	U	U				5
2-chloroethylvinylether	↓	↓				10
bromoform	↓	↓				5
2-hexanone	5JB	↓				10
4-methyl-2-pentanone	5JB	1JB				10
tetrachloroethene	U	U				5
toluene	↓	↓				5
chlorobenzene	↓	↓				5
ethylbenzene	2JB	U				5
styrene	1J	↓				5
total xylenes	U	↓				5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 1.6
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
VOLATILE COMPOUNDS

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	7B X927 Method Blank	7B X927 2400 Field Blank				
Compound						Lower Limits of Detection with no Dilution
chloromethane	U	U				10
bromomethane						10
vinyl chloride						10
chloroethane						10
methylene chloride	3J	7B				5
acetone	8J					10
carbon disulfide						5
1,1-dichloroethene						5
1,1-dichloroethane						5
trans-1,2-dichloroethene						5
chloroform		9				5
1,2-dichloroethane						5
2-butanone						10
1,1,1-trichloroethane						5
carbon tetrachloride						5
vinyl acetate						10
bromodichloromethane						5
1,1,2,2-tetrachloroethane						5
1,2-dichloropropane						5
trans-1,3-dichloropropene						5
trichloroethene						5
dibromochloromethane						5
1,1,2-trichloroethane						5
benzene						5
cis-1,3-dichloropropene						5
2-chloroethylvinylether						10
bromoform						5
2-hexanone						10
4-methyl-2-pentanone						10
tetrachloroethene						5
toluene						5
chlorobenzene						5
ethylbenzene						5
styrene						5
total xylenes						5

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.0
CLIENT NYSDEC
JOB # 30570-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	Method Blank I.D.					Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
	12-15-86 Method Blank	12-15-86 2369 Swale #1 Upgrad	12-15-86 2370 Swale #2 Down	12-15-86 2371 SMW-1	12-15-86 2388 SMW-2	
Phenol	U	U	U	U	U	10
bis(2-Chloroethyl)Ether						10
2-Chlorophenol						10
1,3-Dichlorobenzene						10
1,4-Dichlorobenzene						10
Benzyl Alcohol						10
1,2-Dichlorobenzene						10
2-Methylphenol						10
bis(2-chloroisopropyl)ether						10
4-Methylphenol						10
N-Nitroso-Di-n-propylamine						10
Hexachloroethane						10
Nitrobenzene						10
Isophorone						10
2-Nitrophenol						10
2,4-Dimethylphenol						10
Benzoic Acid						50
bis(-2-Chloroethoxy)Methane						10
2,4-Dichlorophenol						10
1,2,4-Trichlorobenzene						10
Naphthalene						10
4-Chloroaniline						10
Hexachlorobutadiene						10
4-Chloro-3-methylphenol						10
2-Methylnaphthalene						10
Hexachlorocyclopentadiene						10
2,4,6-Trichlorophenol						10
2,4,5-Trichlorophenol						50
2-Chloronaphthalene						10
2-Nitroaniline						50
Dimethyl Phthalate						10
Acenaphthylene						10
3-Nitroaniline						50

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.1
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	Method Blank	2369 Swale #1 Upgrad	2370 Swale #2 Down	2371 SMW-1	2388 SMW-2	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-15-86 Method Blank	12-15-86 2369 Swale #1 Upgrad	12-15-86 2370 Swale #2 Down	12-15-86 2371 SMW-1	12-15-86 2388 SMW-2	
Acenaphthene	U	U	U	U	U	10
2,4-Dinitrophenol						50
4-Nitrophenol						50
Dibenzofuran						10
2,4-Dinitrotoluene						10
2,6-Dinitrotoluene						10
Diethylphthalate						10
4-Chlorophenyl-phenylether						10
Fluorene						10
4-Nitroaniline						50
4,6-Dinitro-2-methylphenol						50
N-Nitrosodiphenylamine						10
4-Bromophenyl-phenylether						10
Hexachlorobenzene						10
Pentachlorophenol						50
Phenanthrene						10
Anthracene						10
Di-n-Butylphthalate						10
Fluoranthene						10
Pyrene						10
Butylbenzylphthalate						10
3,3'-Dichlorobenzidine						20
Benzo(a)Anthracene						10
bis(2-Ethylhexyl)Phthalate		2J		1J	2J	10
Chrysene		U		U	U	10
Di-n-Octyl Phthalate		21	13	18	3J	10
Benzo(b)fluoranthene		U	U	U	U	10
Benzo(k)fluoranthene						10
Benzo(a)pyrene						10
Indeno(1,2,3-cd)pyrene						10
Dibenzo(a,h)anthracene						10
Benzo(g,h,i)perylene						10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.2
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-15-86 2389	12-15-86 2390	12-15-86 2391	12-15-86 2392	12-15-86 2393	Lower Limits of Detection with no Dilution
Compound	SMW-3	SMW-4	SMW-5	SMW-6	SMW-7	
Phenol	U	U	U	U	U	10
bis(2-Chloroethyl)Ether						10
2-Chlorophenol						10
1,3-Dichlorobenzene						10
1,4-Dichlorobenzene						10
Benzyl Alcohol						10
1,2-Dichlorobenzene						10
2-Methylphenol						10
bis(2-chloroisopropyl)ether						10
4-Methylphenol						10
N-Nitroso-Di-n-propylamine						10
Hexachloroethane						10
Nitrobenzene						10
Isophorone						10
2-Nitrophenol						10
2,4-Dimethylphenol						10
Benzoic Acid						50
bis(-2-Chloroethoxy)Methane						10
2,4-Dichlorophenol						10
1,2,4-Trichlorobenzene						10
Naphthalene						10
4-Chloroaniline						10
Hexachlorobutadiene						10
4-Chloro-3-methylphenol						10
2-Methylnaphthalene						10
Hexachlorocyclopentadiene						10
2,4,6-Trichlorophenol						10
2,4,5-Trichlorophenol						50
2-Chloronaphthalene						10
2-Nitroaniline						50
Dimethyl Phthalate						10
Acenaphthylene						10
3-Nitroaniline						50

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 23
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	2389 SMW-3	2390 SMW-4	2391 SMW-5	2392 SMW-6	2393 SMW-7	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-15-86	12-15-86	12-15-86	12-15-86	12-15-86	
Acenaphthene	U	U	U	U	U	10
2,4-Dinitrophenol	↓	↓	↓	↓	↓	50
4-Nitrophenol	↓	↓	↓	↓	↓	50
Dibenzofuran	↓	↓	↓	↓	↓	10
2,4-Dinitrotoluene	↓	↓	↓	↓	↓	10
2,6-Dinitrotoluene	↓	↓	↓	↓	↓	10
Diethylphthalate	↓	↓	↓	↓	↓	10
4-Chlorophenyl-phenylether	↓	↓	↓	↓	↓	10
Fluorene	↓	↓	↓	↓	↓	10
4-Nitroaniline	↓	↓	↓	↓	↓	50
4,6-Dinitro-2-methylphenol	↓	↓	↓	↓	↓	50
N-Nitrosodiphenylamine	↓	↓	↓	↓	↓	10
4-Bromophenyl-phenylether	↓	↓	↓	↓	↓	10
Hexachlorobenzene	↓	↓	↓	↓	↓	10
Pentachlorophenol	↓	↓	↓	↓	↓	50
Phenanthrene	↓	↓	↓	↓	↓	10
Anthracene	↓	↓	↓	↓	↓	10
Di-n-Butylphthalate	↓	↓	↓	↓	↓	10
Fluoranthene	↓	↓	↓	↓	↓	10
Pyrene	↓	↓	↓	↓	↓	10
Butylbenzylphthalate	↓	↓	↓	↓	↓	10
3,3'-Dichlorobenzidine	↓	↓	↓	↓	↓	20
Benzo(a)Anthracene	↓	↓	↓	↓	↓	10
bis(2-Ethylhexyl)Phthalate	4J	↓	↓	↓	↓	10
Chrysene	U	↓	↓	↓	↓	10
Di-n-Octyl Phthalate	2J	2J	6J	6J	4J	10
Benzo(b)fluoranthene	U	U	U	U	U	10
Benzo(k)fluoranthene	↓	↓	↓	↓	↓	10
Benzo(a)pyrene	↓	↓	↓	↓	↓	10
Indeno(1,2,3-cd)pyrene	↓	↓	↓	↓	↓	10
Dibenzo(a,h)anthracene	↓	↓	↓	↓	↓	10
Benzo(g,h,i)perylene	↓	↓	↓	↓	↓	10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.4
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound						Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-15-86 2394 SMW-8	12-15-86 2395 SMW-9	12-15-86 2396 well #7135	12-15-86 2397 well #7140	12-15-86 2398 well #7145	
Phenol	U	U	U	U	U	10
bis(2-Chloroethyl)Ether						10
2-Chlorophenol						10
1,3-Dichlorobenzene						10
1,4-Dichlorobenzene						10
Benzyl Alcohol						10
1,2-Dichlorobenzene						10
2-Methylphenol						10
bis(2-chloroisopropyl)ether						10
4-Methylphenol						10
N-Nitroso-Di-n-propylamine						10
Hexachloroethane						10
Nitrobenzene						10
Isophorone						10
2-Nitrophenol						10
2,4-Dimethylphenol						10
Benzoic Acid						50
bis(-2-Chloroethoxy)Methane						10
2,4-Dichlorophenol						10
1,2,4-Trichlorobenzene						10
Naphthalene						10
4-Chloroaniline						10
Hexachlorobutadiene						10
4-Chloro-3-methylphenol						10
2-Methylnaphthalene						10
Hexachlorocyclopentadiene						10
2,4,6-Trichlorophenol						10
2,4,5-Trichlorophenol						50
2-Chloronaphthalene						10
2-Nitroaniline						50
Dimethyl Phthalate						10
Acenaphthylene						10
3-Nitroaniline						50

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.5
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	2394 SMW-8	2395 SMW-9	2396 Well #7135	2397 Well #7140	2398 Well #7145	Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-15-86	12-15-86	12-15-86	12-15-86	12-15-86	
Acenaphthene	U	U	U	U	U	10
2,4-Dinitrophenol	↓	↓	↓	↓	↓	50
4-Nitrophenol	↓	↓	↓	↓	↓	50
Dibenzofuran	↓	↓	↓	↓	↓	10
2,4-Dinitrotoluene	↓	↓	↓	↓	↓	10
2,6-Dinitrotoluene	↓	↓	↓	↓	↓	10
Diethylphthalate	↓	↓	↓	↓	↓	10
4-Chlorophenyl-phenylether	↓	↓	↓	↓	↓	10
Fluorene	↓	↓	↓	↓	↓	10
4-Nitroaniline	↓	↓	↓	↓	↓	50
4,6-Dinitro-2-methylphenol	↓	↓	↓	↓	↓	50
N-Nitrosodiphenylamine	↓	↓	↓	↓	↓	10
4-Bromophenyl-phenylether	↓	↓	↓	↓	↓	10
Hexachlorobenzene	↓	↓	↓	↓	↓	10
Pentachlorophenol	↓	↓	↓	↓	↓	50
Phenanthrene	↓	↓	↓	↓	↓	10
Anthracene	↓	↓	↓	↓	↓	10
Di-n-Butylphthalate	↓	↓	↓	↓	↓	10
Fluoranthene	↓	↓	↓	↓	↓	10
Pyrene	↓	↓	↓	↓	↓	10
Butylbenzylphthalate	↓	↓	↓	↓	↓	10
3,3'-Dichlorobenzidine	↓	↓	↓	↓	↓	20
Benzo(a)Anthracene	↓	↓	↓	↓	↓	10
bis(2-Ethylhexyl)Phthalate	↓	↓	7J	3J	12	10
Chrysene	↓	↓	U	U	U	10
Di-n-Octyl Phthalate	13	29	↓	3J	11	10
Benzo(b)fluoranthene	U	U	↓	U	U	10
Benzo(k)fluoranthene	↓	↓	↓	↓	↓	10
Benzo(a)pyrene	↓	↓	↓	↓	↓	10
Indeno(1,2,3-cd)pyrene	↓	↓	↓	↓	↓	10
Dibenzo(a,h)anthracene	↓	↓	↓	↓	↓	10
Benzo(g,h,i)perylene	↓	↓	↓	↓	↓	10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.6
CLIENT NYSDEC
JOB # 30570-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	2399 well #7150	2400 Field Blank				Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0				
Method Blank I.D.	12-15-86	12-15-86				
Phenol	U	U				10
bis(2-Chloroethyl)Ether						10
2-Chlorophenol						10
1,3-Dichlorobenzene						10
1,4-Dichlorobenzene						10
Benzyl Alcohol						10
1,2-Dichlorobenzene						10
2-Methylphenol						10
bis(2-chloroisopropyl)ether						10
4-Methylphenol						10
N-Nitroso-Di-n-propylamine						10
Hexachloroethane						10
Nitrobenzene						10
Isophorone						10
2-Nitrophenol						10
2,4-Dimethylphenol						10
Benzoic Acid						50
bis(-2-Chloroethoxy)Methane						10
2,4-Dichlorophenol						10
1,2,4-Trichlorobenzene						10
Naphthalene						10
4-Chloroaniline						10
Hexachlorobutadiene						10
4-Chloro-3-methylphenol						10
2-Methylnaphthalene						10
Hexachlorocyclopentadiene						10
2,4,6-Trichlorophenol						10
2,4,5-Trichlorophenol						50
2-Chloronaphthalene						10
2-Nitroaniline						50
Dimethyl Phthalate						10
Acenaphthylene						10
3-Nitroaniline						50

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 2.7
CLIENT NYS DEC
JOB # 30870-0373

EPA HSL
BASE/NEUTRAL/ACID COMPOUNDS

Aqueous

All results reported in ug/L.

Sample Identification

Compound	2399 well #7150	2400 Field Blank				Lower Limits of Detection with no Dilution
Dilution Factor	1.0	1.0				
Method Blank I.D.	12-15-86	12-15-86				
Acenaphthene	U	U				10
2,4-Dinitrophenol						50
4-Nitrophenol						50
Dibenzofuran						10
2,4-Dinitrotoluene						10
2,6-Dinitrotoluene						10
Diethylphthalate						10
4-Chlorophenyl-phenylether						10
Fluorene						10
4-Nitroaniline						50
4,6-Dinitro-2-methylphenol						50
N-Nitrosodiphenylamine						10
4-Bromophenyl-phenylether						10
Hexachlorobenzene						10
Pentachlorophenol						50
Phenanthrene						10
Anthracene						10
Di-n-Butylphthalate						10
Fluoranthene						10
Pyrene						10
Butylbenzylphthalate		0.9J				10
3,3'-Dichlorobenzidine		U				20
Benzo(a)Anthracene						10
bis(2-Ethylhexyl)Phthalate	100					10
Chrysene	U					10
Di-n-Octyl Phthalate	35	140				10
Benzo(b)fluoranthene	U	U				10
Benzo(k)fluoranthene						10
Benzo(a)pyrene						10
Indeno(1,2,3-cd)pyrene						10
Dibenzo(a,h)anthracene						10
Benzo(g,h,i)perylene						10

*U - See Appendix for definition.
*J - See Appendix for definition.
*B - See Appendix for definition.
*D - See Appendix for definition.

TABLE 3.0
CLIENT NYSDEC
JOB # 30570-0373

EPA HSL
PESTICIDES/PCB's

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-16-86 Method Blank	12-16-86 2369 Swale #1 Upgrad	12-16-86 2370 Swale #2 Down	12-16-86 2371 SHW-1	12-16-86 2388 SHW-2	
Compound						CRDL
alpha BHC	U	U	U	U	U	.05
beta BHC						.05
gamma BHC						.05
delta BHC						.05
Heptachlor						.05
Aldrin						.05
4,4' DDE						.10
Dieldrin						.10
4,4' DDD						.10
Methoxychlor						.50
Endrin Ketone						.10
4,4' DDT						.10
Chlordane						.50
Endosulfan I						.05
Endosulfan II						.10
Endosulfan Sulfate						.10
Endrin						.10
Heptachlor Epoxide						.05
Toxaphene						1.0
PCB - 1016						.50
PCB - 1221						.50
PCB - 1232						.50
PCB - 1242						.50
PCB - 1248						.50
PCB - 1254						1.0
PCB - 1260						1.0

U - See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

TABLE 3.1
CLIENT NYSDEC
JOB # 30870-0373

EPA HSL
PESTICIDES/PCB's

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-16-86	12-16-86	12-16-86	12-16-86	12-16-86	
	2389	2390	2391	2392	2393	
Compound	SMW-3	SMW-4	SMW-5	SMW-6	SMW-7	CRDL
alpha BHC	U	U	U	U	U	.05
beta BHC						.05
gamma BHC						.05
delta BHC						.05
Heptachlor						.05
Aldrin						.05
4,4' DDE						.10
Dieldrin						.10
4,4' DDD						.10
Methoxychlor						.50
Endrin Ketone						.10
4,4' DDT						.10
Chlordane						.50
Endosulfan I						.05
Endosulfan II						.10
Endosulfan Sulfate						.10
Endrin						.10
Heptachlor Epoxide						.05
Toxaphene						1.0
PCB - 1016						.50
PCB - 1221						.50
PCB - 1232						.50
PCB - 1242						.50
PCB - 1248						.50
PCB - 1254						1.0
PCB - 1260						1.0

U - See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

ABLE 3.2
CLIENT NYSDEC
JOB # 30570-0373

EPA HSL
PESTICIDES/PCB's

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0	1.0	1.0	1.0	
Method Blank I.D.	12-16-86 2394	12-16-86 2395	12-16-86 2396	12-16-86 2397	12-16-86 2398	
Compound	SMW-8	SMW-9	well #7135	Well #7140	well #7145	CRDL
alpha BHC	U	U	U	U	U	.05
beta BHC						.05
gamma BHC						.05
delta BHC						.05
Heptachlor						.05
Aldrin						.05
4,4' DDE						.10
Dieldrin						.10
4,4' DDD						.10
Methoxychlor						.50
Endrin Ketone						.10
4,4' DDT						.10
Chlordane						.50
Endosulfan I						.05
Endosulfan II						.10
Endosulfan Sulfate						.10
Endrin						.10
Heptachlor Epoxide						.05
Toxaphene						1.0
PCB - 1016						.50
PCB - 1221						.50
PCB - 1232						.50
PCB - 1242						.50
PCB - 1248						.50
PCB - 1254						1.0
PCB - 1260	✓	✓	✓	✓	✓	1.0

U - See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
[illegible] - See Appendix for definition.

ABLE 3.3
LIENT NYSDEC
JOB # 30570-0373

EPA HSL
PESTICIDES/PCB's

Aqueous

All Results Reported as ug/L.

Sample Identification

Dilution Factor	1.0	1.0				
Method Blank I.D.	1246-86	1246-86				
Compound	2399 well #7150	2400 Field Blank				CRDL
alpha BHC	U	U				.05
beta BHC						.05
amma BHC						.05
elta BHC						.05
Heptachlor						.05
ldrin						.05
,4' DDE						.10
Dieldrin						.10
4,4' DDD						.10
ethoxychlor						.50
ndrin Ketone						.10
4,4' DDT						.10
hlordane						.50
ndosulfan I						.05
Endosulfan II						.10
Endosulfan Sulfate						.10
ndrin						.10
eptachlor Epoxide						.05
Toxaphene						1.0
CB - 1016						.50
CB - 1221						.50
PCB - 1232						.50
PCB - 1242						.50
CB - 1248						.50
CB - 1254						1.0
PCB - 1260						1.0

- See Appendix for definition.
J - See Appendix for definition.
B - See Appendix for definition.
- See Appendix for definition.

4.0
NYSDEC
30870-0373

Aqueous

EPA HSL METALS

All results reported in ug/L.

Sample Identification

Element	2369 Swale #1 Upgrad.	2370 Swale #2 Downgrad	2371 SMW-1	2388 SMW-2	2389 SMW-3	2390 SMW-4
Aluminum	255 P	259 P	1020 P	600 P	584 P	656 P
Antimony	60 UP	90 P	219 P	111 P	108 P	128 P
Arsenic	5U F	5U F	5 UF	[10] F	5 UF	5 UF
Barium	200 UP	200 UP	200 UP	200 UP	200 UP	200 UP
Beryllium	3 UP	3 UP	3 UP	3 UP	3 UP	3 UP
Cadmium	5 UP	5 UP	8.5 P	5 UP	6.1 P	5 UP
Calcium	39,300 A	52,300 A	353,000 A	312,000 A	175,000 A	269,000 A
Chromium	46 P	10 UP	10 UP	10 UP	10 UP	10 UP
Cobalt	50 UP	50 UP	50 UP	50 UP	50 UP	50 UP
Copper	25 UP	25 UP	25 UP	25 UP	25 UP	25 UP
Iron	378 PE	133 PE	3,930 PE	19,400 PE	314 PE	8420 PE
Lead	12 F	5U F	10 UF	10 UF	5 UF	5 UF
Magnesium	21,900 A	25,200 A	401,000 A	91,700 A	236,000 A	49,800 A
Manganese	65 PE	209 PE	460 PE	3930 PE	55 PE	3870 PE
Mercury	0.2U CVAA	0.2U CVAA	0.2U CVAA	0.2U CVAA	0.2U CVAA	0.2U CVAA
Nickel	55 P	40 UP	494 P	51 P	57 P	114 P
Potassium	[2,900] A	[4,200] A	6,600 A	[6600] A	[3300] A	[4200] A
Selenium	5U F	5U F	10UEF	5 UF	10 UEF	5 UF
Silver	44 PN	10 UPN	10 UPN	10 UPN	10 UPN	10 UPN
Sodium	[3,800] A	7,400 A	228,000 A	119,000 A	164,000 A	56,600 A
Thallium	5U F	5 UF	5 UF	5 UF	5 UF	5 UF
Vanadium	50 UP	50 UP	50 UP	50 UP	50 UP	50 UP
Zinc	72 P	46 P	39 P	26 P	38 P	42 P
Molybdenum	250 UP	250 UP	1,590 P	474 P	1140 P	305 P
Titanium	100 UP	100 UP	100 UP	100 UP	100 UP	100 UP

4.1
NYSDEC
30870-0373

Aqueous

EPA HSL METALS

All results reported in ug/L.

Sample Identification

Element	2391 SMW-5	2392 SMW-6	2393 SMW-7	2394 SMW-8	2395 SMW-9	2396 well #7135
Aluminum	258 P	364 P	694 P	200 UP	519 P	539 P
Antimony	63 P	120 P	89 P	60 UP	94 P	69 P
Arsenic	5 UF	5 UF	5 UF	5 UF	5 UF	5 UF
Barium	200 UP	200 UP	200 UP	200 UP	200 UP	200 UP
Beryllium	3 UP	3 UP	3 UP	3 UP	3 UP	3 UP
Cadmium	5 UP	5 UP	5 UP	5.6 P	5 UP	5 UP
Calcium	221,000 A	458,000 A	175,000 A	89,700 A	3,001,000 A	172,000 A
Chromium	10 UP	10 UP	10 UP	10 UP	10 UP	10 UP
Cobalt	50 UP	50 UP	50 UP	50 UP	50 UP	50 UP
Copper	25 UP	25 UP	52 P	25 UP	25 UP	25 UP
Iron	2970 PE	6140 PE	100 UPE	100 UPE	992 PE	9460 PE
Lead	5 UF	5 UF	5 UF	5 UF	5 UF	5 UF
Magnesium	43,800 A	119,000 A	106,000 A	81,200 A	117,000 A	49,600 A
Manganese	251 PE	505 PE	171 PE	91 PE	226 PE	3710 PE
Mercury	0.2 UCVAA	0.2 UCVAA	0.22 CVAA	0.2 UCVAA	0.92 CVAA	0.2 UCVAA
Nickel	423 P	553 P	40 UP	54 P	52 P	40 UP
Potassium	[1000] A	[4400] A	[3000] A	[3000] A	[3600] A	[1300] A
Selenium	5 UF	10 UEF	10 UF	5 UF	10 UEF	5 UF
Silver	10 UPN	10 UPN	10 UPN	10 UPN	10 UPN	10 UPN
Sodium	20,700 A	66,400	73,200 A	53,700 A	71,000 A	18,900 A
Thallium	5 UF	5 UF	5 UF	5 UF	5 UF	5 UF
Vanadium	50 UP	50 UP	50 UP	50 UP	50 UP	50 UP
Zinc	20 UP	46 P	29 P	60 P	33 P	20 UP
Molybdenum	301 P	667 P	642 P	448 P	813 P	266 P
Titanium	100 UP	100 UP	100 UP	100 UP	100 UP	100 UP

4.2

NYSDEC
30870-0373

Aqueous

EPA HSL METALS

All results reported in ug/L.

Sample Identification

Element	2397 Well #7140	2398 Well #7145	2399 Well #7150	2400 Field Blank			
Aluminum	442 P	311 P	447 P	206 P			
Antimony	74 P	60 UP	60 UP	60 UP			
Arsenic	5 UF	5 UF	5 UF	5 UF			
Barium	200 UP	200 UP	200 UP	200 UP			
Beryllium	3 UP	3 UP	3 UP	3 UP			
Cadmium	5 UP	5 UP	5 UP	5 UP			
Calcium	15,000 A	67,100 A	136,000 A	23,900 A			
Chromium	10 UP	10 UP	10 UP	10 UP			
Cobalt	50 UP	50 UP	50 UP	50 UP			
Copper	25 UP	25 UP	25 UP	25 UP			
Iron	194 PE	100 UPE	2870 PE	100 UPE			
Lead	5 UF	5 UF	5 UF	5 UF			
Magnesium	95,100 A	52,200 A	69,400 A	[4600] A			
Manganese	28 PE	131 PE	2950 PE	15 UPE			
Mercury	0.2 UCVAA	0.2 UCVAA	0.2 UCVAA	0.2 UCVAA			
Nickel	40 UP	40 UP	40 UP	40 UP			
Potassium	[2100] A	[1600] A	[1100] A	[2100] A			
Selenium	10 UF	5 UF	5 UF	5 UF			
Silver	10 UPN	10 UPN	10 UPN	10 UPN			
Sodium	42,600 A	17,300 A	13,700 A	23,000 A			
Thallium	5 UF	5 UF	5 UF	5 UF			
Vanadium	50 UP	50 UP	50 UP	50 UP			
Zinc	64 P	28 P	[20] P	67 P			
Molybdenum	573 P	312 P	393 P	250 UP			
Titanium	100 UP	100 UP	100 UP	100 UP			