

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c103,k7929,7370,2621,8843,882

Collected By: VASSILEV/GERTS

Comment:

Sample HILLVIEW RESERVOIR

Sample 3

ID of Source:

Collection 9/28/2001 AT 10:16:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	530	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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NYS ELAP # 10108

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EPA94	Magnesium	1200	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	24	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	7700	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 8:15 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

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EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	24	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

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524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

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524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

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524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.05 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/9/2001	DLV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/1/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Stat charge for VOLATILE organic	Completed	9/28/2020	12:03 AM	SV
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Received KM

Bottle c62,k6488,6374,7658,8636,8807,

Collected By: VASSILEV/GERTS

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/28/2001 AT 9:54:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23834

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	470	ug/L	100.0	10/3/2001	PAD

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EPA94	Manganese	23	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	7300	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 8:17 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

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	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	2.8	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	17	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

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Sample BX 58

ID of Source:

Collection 9/28/2001 AT 9:54:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23834

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c62,k6488,6374,7658,8636,8807,

Collected By: VASSILEV/GERTS

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/28/2001 AT 9:54:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23834

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c62,k6488,6374,7658,8636,8807,

Collected By: VASSILEV/GERTS

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/28/2001 AT 9:54:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23834

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	0.63	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c62,k6488,6374,7658,8636,8807,

Collected By: VASSILEV/GERTS

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/28/2001 AT 9:54:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23834

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/1/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:47 AM SV
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QA Officer

Date Approved: 11/5/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	480	ug/L	100.0	10/3/2001	PAD

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QA Officer

Date Approved: 11/5/2001

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Sample BRONX

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Sample 11450 DEP LAB #29330

ID of Source:
Collection 9/27/2001 AT 9:13:00
Submitted 9/28/2001 AT 11:17:00
Sample Type: POT_DW
PWS No.: Source Code:

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 4:34 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	2.3	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	14	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.02 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c143,k3646,7177,7258,8853,881

Collected By: BROWN

Comment:

Sample BRONX

Sample 11450 DEP LAB #29330

ID of Source:

Collection 9/27/2001 AT 9:13:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23835

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/1/2001	DLV
-------------------------	---	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:48 AM	SV
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Approved Pam Dilisizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	7700	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	25	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	620	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1900	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	26	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	10000	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 4:36 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	2.7	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	18	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.05 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c36,k7327,4455,6865,8815,8781,

Collected By: AHMAD

Comment:

Sample BROOKLYN

Sample 29450 DEP LAB #29352

ID of Source:

Collection 9/27/2001 AT 9:07:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23836

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/1/2001	DLV
-------------------------	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:49 AM	DLV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	480	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

Environmental Laboratories

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Original 11/9/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Sample MANHATTAN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	21	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	8000	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 4:40 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	3.5	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

Environmental Laboratories

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Original 11/9/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

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QA Officer

Date Approved: 11/9/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.05 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

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Original 11/9/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c74,k7596,7336,7948,8814,8823,

Collected By: BOLTON

Comment:

Sample MANHATTAN

Sample 30850 DEP LAB #29354

ID of Source:

Collection 9/27/2001 AT 11:10:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23837

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/1/2001	DLV
-------------------------	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:52 AM SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/9/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

ID of Source:

Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	490	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex.
 Corona N.Y. 11368
 Dr. Ian Hurley
 Received KM
 Bottle c151,k3399,7560,7724,8810,883
 Collected By: DESSOURCES
 Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361
 ID of Source:
 Collection 9/27/2001 AT 11:56:00
 Submitted 9/28/2001 AT 11:17:00
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	7900	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 4:41 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

Page 2 of 7

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

ID of Source:

Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	4.0	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	33	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

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Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

emailed

Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

ID of Source:

Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

ID of Source:

Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.06 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

emailed

Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received KM

Bottle c151,k3399,7560,7724,8810,883

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 40150 DEP LAB #29361

ID of Source:

Collection 9/27/2001 AT 11:56:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23838

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/2/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:52 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c140,k7837,7616,8848,8825,882

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375

ID of Source:

Collection 9/27/2001 AT 9:00:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/3/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/3/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	10/3/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/3/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/3/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/3/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/3/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/28/2001	PAD
SM18	Potassium	470	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c140,k7837,7616,8848,8825,882

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375

ID of Source:

Collection 9/27/2001 AT 9:00:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/3/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/3/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/3/2001	PAD
EPA94	Sodium	7500	ug/L	1000.0	10/3/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/3/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
	Stat charge for HG TEST	Completed			10/3/2001 4:42 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c140,k7837,7616,8848,8825,882

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375

ID of Source:

Collection 9/27/2001 AT 9:00:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/3/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/1/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/1/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/1/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/1/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/1/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/1/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/1/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/1/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/1/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/1/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/1/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	3.6	ug/L	.5	9/28/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/28/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	9/28/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/28/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c140,k7837,7616,8848,8825,882

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375

ID of Source:

Collection 9/27/2001 AT 9:00:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/28/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/28/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c140,k7837,7616,8848,8825,882

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375

ID of Source:

Collection 9/27/2001 AT 9:00:00

Submitted 9/28/2001 AT 11:17:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/28/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/28/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/28/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/28/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

emailed

Original 11/7/2001

NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex.
 Corona N.Y. 11368
 Dr. Ian Hurley
 Received KM
 Bottle c140,k7837,7616,8848,8825,882
 Collected By: PATEL
 Comment:

Sample STATEN ISLAND

Sample 58850 DEP LAB #29375
 ID of Source:
 Collection 9/27/2001 AT 9:00:00
 Submitted 9/28/2001 AT 11:17:00
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/28/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/28/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/28/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/28/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.05 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/10/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/10/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/10/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/10/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/10/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/10/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/10/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/10/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/10/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/7/2001

Environmental Laboratories

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Original 11/7/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex.
 Corona N.Y. 11368
 Dr. Ian Hurley
 Received KM
 Bottle c140,k7837,7616,8848,8825,882
 Collected By: PATEL
 Comment:

Sample STATEN ISLAND

 Sample 58850 DEP LAB #29375
 ID of Source:
 Collection 9/27/2001 AT 9:00:00
 Submitted 9/28/2001 AT 11:17:00
 Sample Type: POT_DW
 PWS No.: Source Code:

 Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23839

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/10/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/10/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/10/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/10/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/10/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/10/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/10/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/10/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/10/2001	DLV

The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/1/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	10/1/2001	11:53 AM SV
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Approved Pam Dilsizian QA Officer

Environmental Laboratories

Date Approved: 11/7/2001

emailed Original 11/7/2001

NYS ELAP # 10108

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