

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 EP

Bottle 9517,9557,9516,9502,9553,8940,

Collected By: TIGLAO/BOLTON

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 10/2/2001 AT 9:40:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	26	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	470	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilisizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

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Sample chilled on arrival? : YES

Report

Sample No. AD24046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	28	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/9/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/3/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

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EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	1.7	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	10	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV

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524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV

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524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/12/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/12/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/12/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/12/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/12/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/12/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/12/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/12/2001	DLV

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Sample No. AD24046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/12/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/12/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/12/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/12/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/12/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/12/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/12/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/12/2001	DLV

The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 ug/L due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/29/2001	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	10/2/2001	12:02 AM	SV
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Sample HILLVIEW RESERVOIR

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Received EP

Bottle 8992,8985,8984,9574,9503,9540,

Collected By: TIGLAO/BOLTON

Comment:

Sample BX 3

ID of Source:

Collection 10/2/2001 AT 10:00:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24047

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<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	500	ug/L	100.0	10/3/2001	PAD

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EPA94	Manganese	24	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	7800	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/9/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
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	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges.

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524.2	*THM-Bromodichloromethane	3.1	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	24	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV

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ID of Source:

Collection 10/2/2001 AT 10:00:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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 EP

Bottle 8992,8985,8984,9574,9503,9540,

Collected By: TIGLAO/BOLTON

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 3

ID of Source:

Collection 10/2/2001 AT 10:00:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle 8992,8985,8984,9574,9503,9540,

Collected By: TIGLAO/BOLTON

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 3

ID of Source:

Collection 10/2/2001 AT 10:00:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	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	10/11/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/11/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/11/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/11/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/11/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/11/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/11/2001	DLV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle 8992,8985,8984,9574,9503,9540,

Collected By: TIGLAO/BOLTON

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 3

ID of Source:

Collection 10/2/2001 AT 10:00:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/11/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/11/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/11/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/11/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/11/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/11/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/11/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/11/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/11/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/11/2001	DLV

The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 ug/L due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/29/2001	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.

Stat charge for VOLATILE organic	Completed	10/2/2001	12:02 AM SV
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QA Officer

Date Approved: 11/14/2001

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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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	460	ug/L	100.0	10/3/2001	PAD

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QA Officer

Date Approved: 11/15/2001

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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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	21	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/15/2001

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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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was 171%, high probably due to an interference. It is 105% based on the confirmational column's data.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.2	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	14	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/15/2001

Environmental Laboratories

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Original 11/15/2001

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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

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Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/15/2001

Environmental Laboratories

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Original 11/15/2001

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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/15/2001

Environmental Laboratories

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Original 11/15/2001

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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/11/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/11/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/11/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/11/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/11/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/11/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/15/2001

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 EP

Bottle 8975,159,463,6602,5022,8930,95

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10150 DEP LAB #29762

ID of Source:

Collection 10/1/2001 AT 1:01:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/11/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/11/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/11/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/11/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/11/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/11/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/11/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/11/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/11/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/11/2001	DLV

The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 ug/L due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/29/2001	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.

Stat charge for VOLATILE organic	Completed	10/2/2001	12:02 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/15/2001

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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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	24	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	31	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	22	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	7900	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	1.8	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.3	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.04 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/12/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/12/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/12/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/12/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/12/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C178,8995,8993,8982,8981,9570

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20150 DEP LAB #29768

ID of Source:

Collection 10/1/2001 AT 11:23:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/12/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/12/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/12/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/12/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/12/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/12/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/12/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/12/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/12/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/12/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/12/2001	DLV

The recoveries for two of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. The 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 10/29/2001 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.

Stat charge for VOLATILE organic Completed 10/2/2001 12:02 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	6500	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	24	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	540	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1500	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	42	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	8900	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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

Sample 30250 DEP LAB #29778

Received EP

ID of Source:

Collection 10/1/2001 AT 8:41:00

Bottle C181,9569,8976,8987,8999,8998

Submitted 10/2/2001 AT 10:58:00

Collected By: TSUI

Sample Type: POT_DW

Comment:

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	1.3	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	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	10/12/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/12/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/12/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/12/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/12/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/12/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/12/2001	DLV

Approved Pam DiIsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle C181,9569,8976,8987,8999,8998

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 30250 DEP LAB #29778

ID of Source:

Collection 10/1/2001 AT 8:41:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24050

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/12/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/12/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/12/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/12/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/12/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/12/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/12/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/12/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/12/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/12/2001	DLV

The recoveries for two of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. The 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	10/29/2001	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.

Stat charge for VOLATILE organic	Completed	10/2/2001	12:02 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	440	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	25	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.8	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	20	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

emailed

Original 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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

Sample QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	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	10/12/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/12/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/12/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/12/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/12/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/12/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/12/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

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 EP

Bottle 9504,8966,8968,9566,8997,9544,

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41250 DEP LAB #29785

ID of Source:

Collection 10/1/2001 AT 10:15:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24051

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/12/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/12/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/12/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/12/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/12/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/12/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/12/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/12/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/12/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/12/2001	DLV

The recoveries for two of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. The 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	10/29/2001	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	10/2/2001	12:02 AM SV
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Date Approved: 11/14/2001

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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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/10/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/10/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/10/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	10/10/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/10/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/10/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/10/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/10/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/2/2001	PAD
SM18	Potassium	490	ug/L	100.0	10/3/2001	PAD

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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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/10/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/10/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/10/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/10/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/10/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/10/2001	PAD

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Date Approved: 11/19/2001

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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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/10/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/5/2001	DLV

The recoveries for two of the nine compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	1.3	ug/L	.5	10/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/2/2001	SV
524.2	*THM-Chloroform	28	ug/L	.5	10/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

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.

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Received EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/2/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/2/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/2/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.04 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/12/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/12/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/12/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/12/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/12/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/12/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/12/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

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 EP

Bottle 190,7406,6105,7666,9567,8996,9

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 10/1/2001 AT 12:38:00

Submitted 10/2/2001 AT 10:58:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24052

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/12/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/12/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/12/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/12/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/12/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/12/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/12/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/12/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/12/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/12/2001	DLV

The recoveries for two of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. The 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	10/29/2001	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	10/2/2001	12:02 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

emailed

Original 11/19/2001

NYS ELAP # 10108

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