

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 JC/DV
Bottle C0409,2063,227,9706,151,265,2
Collected By: RIBANDO
Comment: LOST 1 P PER DV

Sample BRONX

Sample 3
ID of Source:
Collection 10/27/2001 AT 9:29:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	30	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	430	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 1 of 7

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Sample No. AD26386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.3	ug/L	0.5	11/2/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/2/2001	SV
524.2	*THM-Chloroform	28	ug/L	0.5	11/2/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/2/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/2/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/2/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/2/2001	SV

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Page 4 of 7

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524.2	Bromochloromethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/2/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/2/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/2/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/2/2001	SV

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Page 5 of 7

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/2/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/2/2001	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	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV
bis(2-Ethylhexyl)phthalate	1.5	ug/L	0.60	11/6/2001	DLV

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NYS ELAP # 10108

Page 6 of 7

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Submitted 10/27/2001 AT 8:15:00
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PWS No.: **Source Code:**

Type Descriptor:
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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/4/2001	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.

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Page 7 of 7

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Received JC/DV

Bottle C0444,296,417,295,3281,6968,7

Collected By: RIBANDO

Comment: LOST 1 BOTTLE PER DV

Sample BRONX

Sample 58

ID of Source:

Collection 10/27/2001 AT 8:58:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	31	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	430	ug/L	100.0	11/1/2001	PAD

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Comment: LOST 1 BOTTLE PER DV

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Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	24	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

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Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.5	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	20	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV

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Dr. Ian Hurley

Received JC/DV

Bottle C0444,296,417,295,3281,6968,7

Collected By: RIBANDO

Comment: LOST 1 BOTTLE PER DV

Sample BRONX

Sample 58

ID of Source:

Collection 10/27/2001 AT 8:58:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 4 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 JC/DV

Bottle C0444,296,417,295,3281,6968,7

Collected By: RIBANDO

Comment: LOST 1 BOTTLE PER DV

Sample BRONX

Sample 58

ID of Source:

Collection 10/27/2001 AT 8:58:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV

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QA Officer

Date Approved: 12/24/2001

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Original 12/24/2001

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 BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC/DV

Bottle C0444,296,417,295,3281,6968,7

Collected By: RIBANDO

Comment: LOST 1 BOTTLE PER DV

Sample 58

ID of Source:

Collection 10/27/2001 AT 8:58:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	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	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV
bis(2-Ethylhexyl)phthalate	0.92	ug/L	0.60	11/6/2001	DLV

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 6 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 JC/DV

Bottle C0444,296,417,295,3281,6968,7

Collected By: RIBANDO

Comment: LOST 1 BOTTLE PER DV

Sample BRONX

Sample 58

ID of Source:

Collection 10/27/2001 AT 8:58:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/4/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 7 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 JC/DV
Bottle C0423,2155,2164,2163,2158,218
Collected By: JOASIL
Comment:

Sample BRONX

Sample 17650
ID of Source:
Collection 10/26/2001 AT 8:29:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	22000	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	120	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	2000	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 1 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 JC/DV
Bottle C0423,2155,2164,2163,2158,218
Collected By: JOASIL
Comment:

Sample BRONX

Sample 17650
ID of Source:
Collection 10/26/2001 AT 8:29:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	7200	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	89	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	24000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle C0423,2155,2164,2163,2158,218

Collected By: JOASIL

Comment:

Sample BRONX

Sample 17650

ID of Source:

Collection 10/26/2001 AT 8:29:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	11	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	44	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 3 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 JC/DV

Bottle C0423,2155,2164,2163,2158,218

Collected By: JOASIL

Comment:

Sample BRONX

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Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

Page 4 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 BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC/DV

Bottle C0423,2155,2164,2163,2158,218

Collected By: JOASIL

Comment:

Sample 17650

ID of Source:

Collection 10/26/2001 AT 8:29:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle C0423,2155,2164,2163,2158,218

Collected By: JOASIL

Comment:

Sample BRONX

Sample 17650

ID of Source:

Collection 10/26/2001 AT 8:29:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.10 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV
bis(2-Ethylhexyl)phthalate	1.9	ug/L	0.60	11/6/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 6 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 JC/DV

Bottle C0423,2155,2164,2163,2158,218

Collected By: JOASIL

Comment:

Sample BRONX

Sample 17650

ID of Source:

Collection 10/26/2001 AT 8:29:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26388

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/4/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 7 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 JC/DV
Bottle C0424,2083,2113,2084,2175,217
Collected By: KAGZI
Comment: Low spike recovery (Sb)

Sample BROOKLYN

Sample 24150
ID of Source:
Collection 10/26/2001 AT
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	7000	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	31	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	540	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 1 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 JC/DV
Bottle C0424,2083,2113,2084,2175,217
Collected By: KAGZI
Comment: Low spike recovery (Sb)

Sample BROOKLYN

Sample 24150
ID of Source:
Collection 10/26/2001 AT
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1600	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	8100	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/16/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle C0424,2083,2113,2084,2175,217

Collected By: KAGZI

Comment: Low spike recovery (Sb)

Sample BROOKLYN

Sample 24150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S 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	4.9	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	31	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 3 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 JC/DV

Bottle C0424,2083,2113,2084,2175,217

Collected By: KAGZI

Comment: Low spike recovery (Sb)

Sample BROOKLYN

Sample 24150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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Page 4 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 BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC/DV

Bottle C0424,2083,2113,2084,2175,217

Collected By: KAGZI

Comment: Low spike recovery (Sb)

Sample 24150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 JC/DV
Bottle C0424,2083,2113,2084,2175,217
Collected By: KAGZI
Comment: Low spike recovery (Sb)

Sample BROOKLYN
Sample 24150
ID of Source:
Collection 10/26/2001 AT
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	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	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

Page 6 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 JC/DV

Bottle C0424,2083,2113,2084,2175,217

Collected By: KAGZI

Comment: Low spike recovery (Sb)

Sample BROOKLYN

Sample 24150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	1.4	ug/L	0.60	11/6/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/4/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 7 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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	15000	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	34	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	1400	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 1 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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	4700	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	30	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	17000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/16/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S 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	9.2	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	49	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV

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NYS ELAP # 10108

Page 3 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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 4 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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV

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QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	SV

ONE OF THREE SURROGATES IS 4% ABOVE THE UPPER CONTROL LIMIT.

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.10 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 6 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 JC/DV

Bottle 9987,2171,2161,2092,2086,2184,

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 30150

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.8	ug/L	0.60	11/6/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/4/2001	DLV
-------------------------	---	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu, does not reveal the presence of any non-target compounds, except for Butylbenzylphthalate at an estimated level of 1.2 ug/L.

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 7 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 JC/DV
Bottle C9401,Q2153,2152,P2095,2105,
Collected By: VASSILEV
Comment:

Sample QUEENS

Sample 40750
ID of Source:
Collection 10/26/2001 AT 8:54:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	33	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	440	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

Environmental Laboratories

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NYS ELAP # 10108

Page 1 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 JC/DV
Bottle C9401,Q2153,2152,P2095,2105,
Collected By: VASSILEV
Comment:

Sample QUEENS

Sample 40750
ID of Source:
Collection 10/26/2001 AT 8:54:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	6600	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/16/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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QA Officer

Date Approved: 1/3/2002

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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 JC/DV
Bottle C9401,Q2153,2152,P2095,2105,
Collected By: VASSILEV
Comment:

Sample QUEENS

Sample 40750
ID of Source:
Collection 10/26/2001 AT 8:54:00
Submitted 10/27/2001 AT 8:15:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.8	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	14	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV

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Date Approved: 1/3/2002

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NYS ELAP # 10108

Page 3 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 JC/DV

Bottle C9401,Q2153,2152,P2095,2105,

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 40750

ID of Source:

Collection 10/26/2001 AT 8:54:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

Environmental Laboratories

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NYS ELAP # 10108

Page 4 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 JC/DV

Bottle C9401,Q2153,2152,P2095,2105,

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 40750

ID of Source:

Collection 10/26/2001 AT 8:54:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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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 JC/DV

Bottle C9401,Q2153,2152,P2095,2105,

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 40750

ID of Source:

Collection 10/26/2001 AT 8:54:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	SV

ONE OF THREE SURROGATE RECOVERIES IS 2% ABOVE THE UPPER CONTROL LIMIT.

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	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

Environmental Laboratories

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NYS ELAP # 10108

Page 6 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 JC/DV

Bottle C9401,Q2153,2152,P2095,2105,

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 40750

ID of Source:

Collection 10/26/2001 AT 8:54:00

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	11/6/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/4/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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NYS ELAP # 10108

Page 7 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 JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	25	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/29/2001	PAD
SM18	Potassium	440	ug/L	100.0	11/1/2001	PAD

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

Page 1 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 JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	24	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/16/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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QA Officer

Date Approved: 12/24/2001

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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 JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/5/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/5/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/5/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/5/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/5/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/5/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/5/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/5/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/5/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/5/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/5/2001	DLV

The recovery for 2 of the 11 compounds in the LC S Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.5	ug/L	0.5	10/31/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/31/2001	SV
524.2	*THM-Chloroform	30	ug/L	0.5	10/31/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/31/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 3 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 JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/31/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

Page 4 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 STATEN ISLAND

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/31/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/31/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 STATEN ISLAND

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

Dr. Ian Hurley

Received JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/31/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/31/2001	SV

ONE OF THREE SURROGATES IS 2% ABOVE THE UPPER CONTROL LIMIT.

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	11/6/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/6/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/6/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/6/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/6/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/6/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/6/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/6/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

Page 6 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 STATEN ISLAND

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

Dr. Ian Hurley

Received JC/DV

Bottle C9077,6907,6720,7518,2156,210

Collected By: TSUI

Comment:

Sample 51850

ID of Source:

Collection 10/26/2001 AT

Submitted 10/27/2001 AT 8:15:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.68	ug/L	0.60	11/6/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/6/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/6/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/6/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/6/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/6/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/6/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/6/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/6/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/6/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 56%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.88 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/4/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

NYS ELAP # 10108

Page 7 of 7