

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 C9689,P512,522,532,433,7530,Q

Collected By: TIGUAO/AHMAD

Comment:

Sample HILLVIEW BX

Sample 3

ID of Source:

Collection 11/1/2001 AT 10:04:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26827

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	28	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	550	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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Page 1 of 7

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EPA94	Magnesium	1300	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	24	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

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Organics						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	4.7	ug/L	0.5	11/6/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/6/2001	SV
524.2	*THM-Chloroform	30	ug/L	0.5	11/6/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/6/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV

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Page 3 of 7

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524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/6/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/6/2001	SV

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Page 4 of 7

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/6/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/6/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/6/2001	SV

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

ISOPROPYL ALCOHOL FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.12 ug/L

Organic Chemicals - 525.2

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Page 5 of 7

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/8/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/8/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/8/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/8/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/8/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/8/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/8/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/8/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.74	ug/L	0.60	11/8/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/8/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/8/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/8/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/8/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/8/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/8/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/8/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/8/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/8/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 40%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the LCS Standard were below their acceptance ranges. The extract for the 508 analysis was lost due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/21/2001	DLV
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Page 6 of 7

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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, except for Di-n-butylphthalate at an estimated level of 0.33 ug/L. A reanalysis confirms these results.						

Approved Pam Dilsizian **QA Officer**

Environmental Laboratories

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Agency: New York City DEP DWQC

Sample HILLVIEW BX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle C467,Q475,392,391,P567,553,55

Collected By: TIGUAO/AHMAD

Comment:

Sample 58

ID of Source:

Collection 11/1/2001 AT 9:45:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26828

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	ADB
EPA94	Calcium	5700	ug/L	1000.0	11/21/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	ADB
EPA94	Iron	25	ug/L	20.0	11/21/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	550	ug/L	100.0	11/14/2001	ADB

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Page 1 of 7

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EPA94	Magnesium	1300	ug/L	1000.0	11/21/2001	ADB
EPA94	Manganese	28	ug/L	20.0	11/21/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	ADB
EPA94	Sodium	6800	ug/L	1000.0	11/21/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	ADB
EPA79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/29/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/27/2001	ADB
SM18	Tin	< MDL	ug/L	100	11/14/2001	ADB
SM18	Titanium	< MDL	ug/L	100	11/13/2001	ADB
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	ADB
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	ADB
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	ADB

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Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/7/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/7/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/7/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/7/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/7/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/7/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/7/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/7/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/7/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/7/2001	DLV

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.4	ug/L	0.5	11/6/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/6/2001	SV
524.2	*THM-Chloroform	20	ug/L	0.5	11/6/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/6/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/6/2001	SV

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524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/6/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/6/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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 EP

Bottle C467,Q475,392,391,P567,553,55

Collected By: TIGUAO/AHMAD

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 11/1/2001 AT 9:45:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26828

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/6/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/6/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/6/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/6/2001	SV

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QA Officer

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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 EP

Bottle C467,Q475,392,391,P567,553,55

Collected By: TIGUAO/AHMAD

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 11/1/2001 AT 9:45:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26828

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/6/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/6/2001	SV

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

ISOPROPYL ALCOHOL FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.12 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/8/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/8/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/8/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/8/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/8/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/8/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/8/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/8/2001	DLV

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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 EP

Bottle C467,Q475,392,391,P567,553,55

Collected By: TIGUAO/AHMAD

Comment:

Sample HILLVIEW BX

Sample 58

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Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26828

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.74	ug/L	0.60	11/8/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/8/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/8/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/8/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/8/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/8/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/8/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/8/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/8/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/8/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 40%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the LCS Standard were below their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/10/2001	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.

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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 EP
Bottle C79,P527,520,446,Q434,461,521
Collected By: DESSOURCES
Comment:

Sample BX

Sample 18450
ID of Source:
Collection 10/31/2001 AT 8:58:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5400	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	32	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	560	ug/L	100.0	11/14/2001	PAD

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NYS ELAP # 10108

Page 1 of 7

REPORT OF ANALYSIS

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Agency: New York City DEP DWQC
 Distribution Laboratory
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Received EP
Bottle C79,P527,520,446,Q434,461,521
Collected By: DESSOURCES
Comment:

Sample BX

Sample 18450
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Collection 10/31/2001 AT 8:58:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	32	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	6100	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

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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
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Received EP
Bottle C79,P527,520,446,Q434,461,521
Collected By: DESSOURCES
Comment:

Sample BX

Sample 18450
ID of Source:
Collection 10/31/2001 AT 8:58:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/7/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/7/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/7/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/7/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/7/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/7/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/7/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/7/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/7/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/7/2001	DLV

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	1.9	ug/L	0.5	11/9/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/9/2001	SV
524.2	*THM-Chloroform	12	ug/L	0.5	11/9/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/9/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/9/2001	SV

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NYS ELAP # 10108

Page 3 of 7

REPORT OF ANALYSIS

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Distribution Laboratory

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Comment:

Sample BX

Sample 18450

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Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/9/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/9/2001	SV

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QA Officer

Date Approved: 1/3/2002

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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 EP

Bottle C79,P527,520,446,Q434,461,521

Collected By: DESSOURCES

Comment:

Sample BX

Sample 18450

ID of Source:

Collection 10/31/2001 AT 8:58:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/9/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/9/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/9/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/9/2001	SV

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QA Officer

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NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

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 Distribution Laboratory
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 Dr. Ian Hurley
Received EP
Bottle C79,P527,520,446,Q434,461,521
Collected By: DESSOURCES
Comment:

Sample BX

Sample 18450
ID of Source:
Collection 10/31/2001 AT 8:58:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/9/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/9/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/9/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/9/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/9/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/9/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/9/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/9/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/9/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/9/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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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 EP

Bottle C79,P527,520,446,Q434,461,521

Collected By: DESSOURCES

Comment:

Sample BX

Sample 18450

ID of Source:

Collection 10/31/2001 AT 8:58:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26829

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	11/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/9/2001	DLV

The recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance range. The breakdown for Endrin in the Breakdown Standard was 62%.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/10/2001	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.50 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	32	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	560	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	6700	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/13/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/13/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/13/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/13/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/13/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/13/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/13/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/13/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/13/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/13/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/13/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/13/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.9	ug/L	0.5	11/8/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/8/2001	SV
524.2	*THM-Chloroform	25	ug/L	0.5	11/8/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/8/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV

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Date Approved: 2/8/2002

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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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/8/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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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

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

Received EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/8/2001	SV

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QA Officer

Date Approved: 2/8/2002

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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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/8/2001	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	11/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/9/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/9/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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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 EP

Bottle C450,Q292,291,290,P409,408,43

Collected By: BROWN

Comment:

Sample BK

Sample 23150

ID of Source: BROOKLYN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26830

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/9/2001	DLV

The recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance range. The breakdown for Endrin in the Breakdown Standard was 62%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/11/2001	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. A reanalysis confirms these results.

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	29	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	560	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	22	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/7/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/7/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/7/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/7/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/7/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/7/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/7/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/7/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/7/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/7/2001	DLV

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was above its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.3	ug/L	0.5	11/8/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/8/2001	SV
524.2	*THM-Chloroform	30	ug/L	0.5	11/8/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/8/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/8/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

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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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/8/2001	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 EP
Bottle C9286,Q431,460,432,P509,510,5
Collected By: VASSIEAU
Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250
ID of Source: MANHATTAN
Collection 10/31/2001 AT
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/8/2001	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/9/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/3/2002

Environmental Laboratories

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Original 1/3/2002

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 EP

Bottle C9286,Q431,460,432,P509,510,5

Collected By: VASSIEAU

Comment: Selenium did not recover spike (76%)

Sample MANHATTAN

Sample 33250

ID of Source: MANHATTAN

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26831

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/9/2001	DLV

The recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance range. The breakdown for Endrin in the Breakdown Standard was 62%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.52 ug/L.

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 EP

Bottle C9801,Q458,436,433,P475,525,5

Collected By: KAUZI

Comment:

Sample QUEENS

Sample 44550

ID of Source:

Collection 10/31/2001 AT 8:37:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	37	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	540	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

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 EP

Bottle C9801,Q458,436,433,P475,525,5

Collected By: KAUZI

Comment:

Sample QUEENS

Sample 44550

ID of Source:

Collection 10/31/2001 AT 8:37:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	22	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	6300	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

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Original 1/4/2002

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 EP

Bottle C9801,Q458,436,433,P475,525,5

Collected By: KAUZI

Comment:

Sample QUEENS

Sample 44550

ID of Source:

Collection 10/31/2001 AT 8:37:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/7/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/7/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/7/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/7/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/7/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/7/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/7/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/7/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/7/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/7/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/7/2001	DLV

Recoveries for 9 of the 10 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	0.5	11/8/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/8/2001	SV
524.2	*THM-Chloroform	24	ug/L	0.5	11/8/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/8/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

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 EP

Bottle C9801,Q458,436,433,P475,525,5

Collected By: KAUI

Comment:

Sample QUEENS

Sample 44550

ID of Source:

Collection 10/31/2001 AT 8:37:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/8/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

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Original 1/4/2002

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 EP

Bottle C9801,Q458,436,433,P475,525,5

Collected By: KAUZI

Comment:

Sample QUEENS

Sample 44550

ID of Source:

Collection 10/31/2001 AT 8:37:00

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

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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 EP
Bottle C9801,Q458,436,433,P475,525,5
Collected By: KAUZI
Comment:

Sample QUEENS
Sample 44550
ID of Source:
Collection 10/31/2001 AT 8:37:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/8/2001	SV

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

ACETONE PRESENT AT 13 ug/L. ACETONE IN FIELD BLANK IS 40 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/13/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/13/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/13/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/13/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/13/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/13/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/13/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/13/2001	DLV

Approved Pam Dilsizian **QA Officer**

Date Approved: 1/4/2002

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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 EP
Bottle C9801,Q458,436,433,P475,525,5
Collected By: KAUZI
Comment:

Sample QUEENS

Sample 44550
ID of Source:
Collection 10/31/2001 AT 8:37:00
Submitted 11/1/2001 AT 11:27:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD26832

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.64	ug/L	0.60	11/13/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/13/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/13/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/13/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/13/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/13/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/13/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/13/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/13/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/13/2001	DLV

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level

Approved Pam Dilsizian QA Officer

Date Approved: 1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	28	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	PAD
SM18	Potassium	570	ug/L	100.0	11/14/2001	PAD

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QA Officer

Date Approved: 1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	27	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	6600	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/8/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

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Date Approved: 1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/8/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/8/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/8/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/8/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/8/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/8/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/8/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/8/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/8/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/8/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/8/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/8/2001	DLV

Recoveries for 2 of the 11 compounds in the LCS Standard were above their acceptance ranges. The recovery for 1 of the 11 compounds in the Spiked Sample was above its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	0.5	11/8/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/8/2001	SV
524.2	*THM-Chloroform	28	ug/L	0.5	11/8/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/8/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/8/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/8/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/8/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/8/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/8/2001	SV

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

ACETONE PRESENT AT 31 ug/L. ACETONE IN FIELD BLANK IS 40 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/13/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/13/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/13/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/13/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/13/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/13/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/13/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved:

1/4/2002

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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 EP

Bottle C9685,Q427,453,429,P505,530,5

Collected By: BOLTON/MOHAN

Comment:

Sample STATEN ISLAND

Sample 52150

ID of Source:

Collection 10/31/2001 AT

Submitted 11/1/2001 AT 11:27:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26833

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/13/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.61	ug/L	0.60	11/13/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/13/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/13/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/13/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/13/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/13/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/13/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/13/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/13/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/13/2001	DLV

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/11/2001	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: 1/4/2002

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Page 7 of 7