

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9789,p529,507,508,q454,447,44

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 3

ID of Source:

Collection 10/31/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26676

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/19/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	11/19/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	11/19/2001	ADB
EPA94	Calcium	5800	ug/L	1000.0	11/19/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	11/19/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	11/19/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Iron	25	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	450	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	25	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	7200	ug/L	1000.0	11/19/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	11/19/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	ADB
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/16/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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	11/19/2001	ADB
EPA94	Zinc	< MDL	ug/L	20.0	11/19/2001	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	4.5	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	29	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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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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

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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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Comment:

Sample HILLVIEW BX

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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 0.06 ug/L.

ACETONE WAS FOUND AT 12 ug/L. ACETONE IN THE FIELD BLANKS WAS 23 AND 27 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 ug/L

ISOPROPYL ALCOHOL FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.11 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

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Comment:

Sample HILLVIEW BX

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Sample Type: POT_DW

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Sample chilled on arrival? : YES

Report

Sample No. AD26676

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	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	< MDL	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
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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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.31 ug/L.

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Received KM

Bottle c75,p476,518,519,q444,462,443,

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/31/2001 AT 9:42:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

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<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/19/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	11/19/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	11/19/2001	ADB
EPA94	Calcium	5600	ug/L	1000.0	11/19/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	11/19/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	11/19/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Iron	25	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

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EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	6800	ug/L	1000.0	11/19/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	11/19/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	ADB
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/16/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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	11/19/2001	ADB
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	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	3.1	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	19	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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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c75,p476,518,519,q444,462,443,

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/31/2001 AT 9:42:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26677

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c75,p476,518,519,q444,462,443,

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/31/2001 AT 9:42:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26677

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c75,p476,518,519,q444,462,443,

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/31/2001 AT 9:42:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26677

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.

ACETONE WAS FOUND AT 15 ug/L. ACETONE IN THE FIELD BLANKS WAS 23 AND 27 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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

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QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c75,p476,518,519,q444,462,443,

Collected By: TIGLAO/HOYT

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/31/2001 AT 9:42:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26677

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	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	< MDL	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.36 ug/L.

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QA Officer

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Original 12/24/2001

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REPORT OF ANALYSIS

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Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/19/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	11/19/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	11/19/2001	ADB
EPA94	Calcium	5600	ug/L	1000.0	11/19/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	11/19/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	11/19/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Iron	23	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

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QA Officer

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	26	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	7000	ug/L	1000.0	11/19/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	11/19/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	ADB
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/23/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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	11/19/2001	ADB
EPA94	Zinc	< MDL	ug/L	20.0	11/19/2001	ADB

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Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

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	2.5	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	24	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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QA Officer

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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Distribution Laboratory

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Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

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 0.04 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Dr. Ian Hurley

Received KM

Bottle c461,p437,436,462,q334,333,330

Collected By: DESSOURCES

Comment:

Sample BRONX

Sample 11050

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26678

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.69	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 recovery for 1 of the 3 Surrogate Standards in this sample was above its

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 0.42 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/19/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	11/19/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	11/19/2001	ADB
EPA94	Calcium	5600	ug/L	1000.0	11/19/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	11/19/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	11/19/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	11/19/2001	ADB
EPA94	Iron	24	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	27	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	6700	ug/L	1000.0	11/19/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	11/19/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	ADB
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/23/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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	11/19/2001	ADB
EPA94	Zinc	< MDL	ug/L	20.0	11/19/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

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	3.2	ug/L	0.5	11/7/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/7/2001	SV
524.2	*THM-Chloroform	24	ug/L	0.5	11/7/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/7/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/7/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/7/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/7/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/7/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/7/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/7/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/7/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/7/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/7/2001	SV

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

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c442,k7826,8232,7613,p434,401,

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 22350

ID of Source:

Collection 10/30/2001 AT 9:47:00

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26679

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

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	5900	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	28	ug/L	20.0	11/21/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

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 KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	ADB
EPA94	Manganese	27	ug/L	20.0	11/21/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	ADB
EPA94	Sodium	6900	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
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/23/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

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	3.4	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	26	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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QA Officer

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

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

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QA Officer

Date Approved: 12/24/2001

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

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: 12/24/2001

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

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 0.05 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c460,k3075,7024,8099,p452,439,

Collected By: TSUI

Comment:

Sample MANHATTAN

Sample 39550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26680

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.62	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.32 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

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	5500	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	30	ug/L	20.0	11/21/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	470	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	ADB
EPA94	Manganese	27	ug/L	20.0	11/21/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	ADB
EPA94	Sodium	6200	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
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/29/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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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Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

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Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

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	2.5	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	15	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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex.
 Corona N.Y. 11368
 Dr. Ian Hurley
Received KM
Bottle c458,p465,468,467,q354,340,346
Collected By: KAGZI
Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550
ID of Source:
Collection 10/30/2001 AT
Submitted 10/31/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26681

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

Approved Pam Dilsizian QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

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

ACETONE WAS FOUND AT 25 ug/L. ACETONE IN THE FIELD BLANKS WAS 23 AND 27 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/8/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c458,p465,468,467,q354,340,346

Collected By: KAGZI

Comment: Selenium did not recover spike (83%)

Sample QUEENS

Sample 40550

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26681

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	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 recovery for 1 of the 3 Surrogate Standards in this sample was above its

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 0.35 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample STATEN ISLAND

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

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	5800	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	27	ug/L	20.0	11/21/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	11/2/2001	ADB
SM18	Potassium	440	ug/L	100.0	11/1/2001	ADB

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample STATEN ISLAND

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	ADB
EPA94	Manganese	20	ug/L	20.0	11/21/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	ADB
EPA94	Sodium	6700	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
EPA'79	Potable Metals Digestion	Completed			11/9/2001	ADB
SM18	Antimony	< MDL	ug/L	6	11/29/2001	ADB
SM18	Selenium	< MDL	ug/L	2	11/23/2001	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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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample STATEN ISLAND

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

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

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	4.1	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	28	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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NYS ELAP # 10108

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REPORT OF ANALYSIS

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Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample STATEN ISLAND

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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

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QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample STATEN ISLAND

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample STATEN ISLAND

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

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 0.06 ug/L.

ONE OF THE TWO FILED BLANKS SUBMITTED WITH THIS SET OF SAMPLES HAD CHLOROFORM AT 1.4 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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c462,p464,466,457,q353,341,342

Collected By: JB/MOHAN

Comment:

Sample STATEN ISLAND

Sample 58350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/31/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26682

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.67	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 recovery for 1 of the 3 Surrogate Standards in this sample was above its

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.26 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

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