

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 LK

Bottle C0459,Q324,325,332,P456,438,4

Collected By: TIGLAO/AHMED

Comment:

Sample HILLVIEW BX

Sample 3

ID of Source:

Collection 10/30/2001 AT 9:45:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26532

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	26	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	10/31/2001	ADB
SM18	Potassium	440	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

NYS ELAP # 10108

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 Distribution Laboratory
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Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26532

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	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			11/1/2001	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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Sample chilled on arrival? : YES

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/6/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/6/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/6/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.3	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	27	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV

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Sample No. AD26532

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

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Bottle C0459,Q324,325,332,P456,438,4
Collected By: TIGLAO/AHMED
Comment:

Sample HILLVIEW BX

Sample 3
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Collection 10/30/2001 AT 9:45:00
Submitted 10/30/2001 AT
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26532

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

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Collected By: TIGLAO/AHMED

Comment:

Sample HILLVIEW BX

Sample 3

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Submitted 10/30/2001 AT

Sample Type: POT_DW

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Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26532

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	SV

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

ISOPROPYL ALCOHOL FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.16 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/7/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/7/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/7/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/7/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/7/2001	DLV

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Collected By: TIGLAO/AHMED

Comment:

Sample HILLVIEW BX

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Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

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Sample No. AD26532

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/7/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.0	ug/L	0.60	11/7/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/7/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/7/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/7/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/7/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/7/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/7/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/7/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/7/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/7/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 50%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance ranges. Recoveries for 5 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.64 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/16/2001	DLV
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A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of 1,1,2,2-Tetrachloroethane at an estimated level of 0.80 ug/L, and with a fit of 95 out of 100.

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Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0457,Q352,355,345,P453,454,4

Collected By: TIGLAO/AHMED

Comment: 1 K BOTTLE BROKEN IN FIELD High
Spike Recovery (Sb)

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/30/2001 AT 9:18:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26533

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	10/31/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

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EPA94	Manganese	28	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	6600	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			11/1/2001	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	11/9/2001	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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	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.2	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	19	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV

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Date Approved: 12/26/2001

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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 LK

Bottle C0457,Q352,355,345,P453,454,4

Collected By: TIGLAO/AHMED

Comment: I K BOTTLE BROKEN IN FIELD High
Spike Recovery (Sb)

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/30/2001 AT 9:18:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26533

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 LK

Bottle C0457,Q352,355,345,P453,454,4

Collected By: TIGLAO/AHMED

Comment: I K BOTTLE BROKEN IN FIELD High Spike Recovery (Sb)

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/30/2001 AT 9:18:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26533

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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Original 12/28/2001

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 LK

Bottle C0457,Q352,355,345,P453,454,4

Collected By: TIGLAO/AHMED

Comment: 1 K BOTTLE BROKEN IN FIELD High
Spike Recovery (Sb)

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 10/30/2001 AT 9:18:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26533

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	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 0.18 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/7/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/7/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/7/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/7/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/7/2001	DLV

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QA Officer

Date Approved: 12/26/2001

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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

Sample HILLVIEW BX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0457,Q352,355,345,P453,454,4

Collected By: TIGLAO/AHMED

Comment: 1 K BOTTLE BROKEN IN FIELD High
Spike Recovery (Sb)

Sample 58

ID of Source:

Collection 10/30/2001 AT 9:18:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26533

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/7/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.96	ug/L	0.60	11/7/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/7/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/7/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/7/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/7/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/7/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/7/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/7/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/7/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/7/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 50%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance ranges. Recoveries for 5 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was above its acceptance range. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.64 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/16/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of 1,1,2,2-Tetrachloroethane at an estimated level of 0.72 ug/L, and a fit of 95 out of 100.

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QA Officer

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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 LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

Sample 13150

ID of Source:

Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

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	5700	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	34	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	10/31/2001	ADB
SM18	Potassium	460	ug/L	100.0	11/1/2001	ADB

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Original 12/28/2001

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REPORT OF ANALYSIS

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

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

Sample 13150

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Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

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	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			11/1/2001	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	11/9/2001	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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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

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample 13150

ID of Source:

Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/6/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/6/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/6/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.8	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	26	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

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NYS ELAP # 10108

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

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Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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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 LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

Sample 13150

ID of Source:

Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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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

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

Sample 13150

ID of Source:

Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/7/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/7/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/7/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/7/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/7/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/7/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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 LK

Bottle C9326,Q2110,9603,2108,2109,9

Collected By: SPERANZA

Comment:

Sample BRONX

Sample 13150

ID of Source:

Collection 10/30/2001 AT 9:49:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26534

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.82	ug/L	0.60	11/7/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/7/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/7/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/7/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/7/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/7/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/7/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/7/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/7/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/7/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 50%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance ranges. Recoveries for 5 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.64 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/16/2001	DLV
-------------------------	---	------	------------	-----

A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of 1,1,2,2-Tetrachloroethane at an estimated level of 2.9 ug/L, and a fit of 93 out of 100.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 LK
Bottle C9449,Q297,283,284,P424,406,4
Collected By: BROWN
Comment:

Sample BROOKLYN

Sample 23450
ID of Source:
Collection 10/30/2001 AT 8:44:00
Submitted 10/30/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26535

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	23	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	10/31/2001	ADB
SM18	Potassium	470	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian QA Officer

Date Approved: 12/26/2001

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 LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	22	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	6500	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			11/1/2001	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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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Original 12/28/2001

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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 LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/6/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/6/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/6/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.6	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	22	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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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 BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	4.5	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	SV

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

THE PRESENCE OF MTBE IS MOST LIKELY DUE TO CONTAMINATION DURING THE COLLECTION OF THE SAMPLE. THERE IS NO MTBE IN THE FILED BLANK.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/7/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/7/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/7/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/7/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/7/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 LK

Bottle C9449,Q297,283,284,P424,406,4

Collected By: BROWN

Comment:

Sample BROOKLYN

Sample 23450

ID of Source:

Collection 10/30/2001 AT 8:44:00

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26535

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/7/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/7/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	11/7/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/7/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/7/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/7/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/7/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/7/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/7/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/7/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/7/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/7/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 50%. Recoveries for 4 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were below their acceptance ranges. Recoveries for 5 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.64 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/16/2001	DLV
-------------------------	---	------	------------	-----

A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of 1,1,2,2-Tetrachloroethane at an estimated level of 3.4 ug/L, and with a fit of 95 out of 100.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

emailed

Original 12/28/2001

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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

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	24000	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	85	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	10/31/2001	ADB
SM18	Potassium	2500	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	8200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	110	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	27000	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			11/1/2001	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

Approved Pam Dilsizian

QA Officer

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NYS ELAP # 10108

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

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/6/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/6/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/6/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	11	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	58	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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Original 12/28/2001

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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD26536

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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Original 12/28/2001

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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.14 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: 12/26/2001

Environmental Laboratories

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Original 12/28/2001

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 LK

Bottle C0445,Q305,306,304,P403,402,4

Collected By: DESSOURCES

Comment:

Sample MANHATTAN

Sample 34550

ID of Source:

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

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26536

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 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	12/16/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of 1,1,2,2-Tetrachloroethane at an estimated level of 3.2 ug/L, and a fit of 95 out of 100.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

Environmental Laboratories

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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 LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

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	6100	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	10/31/2001	ADB
SM18	Potassium	450	ug/L	100.0	11/1/2001	ADB

Approved Pam Dilsizian

QA Officer

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Environmental Laboratories

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Distribution Laboratory

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Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

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Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	20	ug/L	20.0	11/19/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	11/19/2001	ADB
EPA94	Sodium	7500	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			11/1/2001	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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QA Officer

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Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/6/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/6/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/6/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/6/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/6/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/6/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/6/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/6/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/6/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/6/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/6/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.4	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	38	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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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 LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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 LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/26/2001

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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 LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	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	11/8/2001	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: 12/26/2001

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Original 12/28/2001

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 LK

Bottle C0429,Q2147,2139,2138,P2073,

Collected By: GERTSIK

Comment:

Sample QUEENS

Sample 44350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26537

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.64	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	12/16/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared from the 508 analysis, from 35 to 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds.

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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 LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
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	6200	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	21	ug/L	20.0	11/19/2001	ADB
EPA94	Iron	58	ug/L	20.0	11/19/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	10/31/2001	ADB
SM18	Potassium	440	ug/L	100.0	11/1/2001	ADB

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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 LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/19/2001	ADB
EPA94	Manganese	< MDL	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			11/1/2001	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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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

Sample STATEN ISLAND

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

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	4.4	ug/L	0.5	11/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/5/2001	SV
524.2	*THM-Chloroform	34	ug/L	0.5	11/5/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/5/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/5/2001	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 LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

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

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/5/2001	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 LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/5/2001	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	11/8/2001	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	0.89	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 LK

Bottle C0428,Q2143,2144,2146,P2075,

Collected By: JB/DM

Comment:

Sample STATEN ISLAND

Sample 52350

ID of Source:

Collection 10/30/2001 AT

Submitted 10/30/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26538

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.

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 0.46 ug/L, and 1,1,2,2-Tetrachloroethane at an estimated level of 2.7 ug/L and with a fit of 95 out of 100.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

emailed

Original 12/24/2001

NYS ELAP # 10108

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