

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 c9412,p2007,2008,2037,q2105,2

Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 10/25/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26202

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	25	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/31/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/20/2001

Environmental Laboratories

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NYS ELAP # 10108

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Comment:

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PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26202

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	23	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7500	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/5/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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Sample No. AD26202

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.5	ug/L	0.5	10/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/25/2001	SV
524.2	*THM-Chloroform	29	ug/L	0.5	10/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV

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 Bottle c9412,p2007,2008,2037,q2105,2
 Collected By: TIGLAO
 Comment:

Sample HILLVIEW

Sample 3
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 Submitted 10/25/2001 AT
 Sample Type: POT_DW
 PWS No.:

Source Code:

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 Sample chilled on arrival? : YES

Report

Sample No. AD26202

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/25/2001	SV

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Collected By: TIGLAO

Comment:

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Submitted 10/25/2001 AT

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/25/2001	SV

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Collected By: TIGLAO

Comment:

Sample 3

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/25/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	12/18/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	12/18/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	12/18/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	12/18/2001	DLV
	Alachlor	< MDL	ug/L	0.20	12/18/2001	DLV
	Atrazine	< MDL	ug/L	0.20	12/18/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	12/18/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	12/18/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.93	ug/L	0.60	12/18/2001	DLV
	Butachlor	< MDL	ug/L	0.40	12/18/2001	DLV
	EPTC	< MDL	ug/L	1.0	12/18/2001	DLV

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Collected By: TIGLAO

Comment:

Sample HILLVIEW

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PWS No.:

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Sample No. AD26202

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	12/18/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	12/18/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	12/18/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	12/18/2001	DLV
	Molinate	< MDL	ug/L	0.90	12/18/2001	DLV
	Simazine	< MDL	ug/L	0.40	12/18/2001	DLV
	Terbacil	< MDL	ug/L	2.0	12/18/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 6 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the LPC Standard was 53%. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.74 ug/L. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/5/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9641,p2012,2034,3006,q2101,2

Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/25/2001 AT 9:30:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	25	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	500	ug/L	100.0	10/31/2001	PAD

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Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/25/2001 AT 9:30:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	21	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/5/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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Report

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

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.1	ug/L	0.5	10/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/25/2001	SV
524.2	*THM-Chloroform	18	ug/L	0.5	10/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV

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Collected By: TIGLAO

Comment:

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Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/25/2001	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 c9641,p2012,2034,3006,q2101,2

Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/25/2001 AT 9:30:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/25/2001	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 c9641,p2012,2034,3006,q2101,2

Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/25/2001 AT 9:30:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/25/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	12/18/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	12/18/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	12/18/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	12/18/2001	DLV
	Alachlor	< MDL	ug/L	0.20	12/18/2001	DLV
	Atrazine	< MDL	ug/L	0.20	12/18/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	12/18/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	12/18/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.3	ug/L	0.60	12/18/2001	DLV
	Butachlor	< MDL	ug/L	0.40	12/18/2001	DLV
	EPTC	< MDL	ug/L	1.0	12/18/2001	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 c9641,p2012,2034,3006,q2101,2

Collected By: TIGLAO

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/25/2001 AT 9:30:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26203

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	12/18/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	12/18/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	12/18/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	12/18/2001	DLV
	Molinate	< MDL	ug/L	0.90	12/18/2001	DLV
	Simazine	< MDL	ug/L	0.40	12/18/2001	DLV
	Terbacil	< MDL	ug/L	2.0	12/18/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 6 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the LPC Standard was 53%. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.74 ug/L. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/5/2001	DLV
-------------------------	---	------	-----------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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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 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	24	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	470	ug/L	100.0	11/1/2001	PAD

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/5/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/16/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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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 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.1	ug/L	0.5	10/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/25/2001	SV
524.2	*THM-Chloroform	17	ug/L	0.5	10/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/25/2001	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 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/25/2001	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

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/25/2001	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 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/25/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/5/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/5/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/5/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/5/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/5/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/5/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	11/5/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/5/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/5/2001	DLV

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 9486,9472,9455,9493,9515,9466,

Collected By: BROWN

Comment:

Sample BRONX

Sample 17950

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26204

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	11/5/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/5/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/5/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/5/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/5/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/5/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/5/2001	DLV

The breakdown for Endrin in the Breakdown Standard is 53%. Recoveries for 6 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 outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.73 ug/L in the Laboratory Blank. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/5/2001	DLV
-------------------------	---	------	-----------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	6800	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	41	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	560	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1600	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	8100	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.2	ug/L	0.5	10/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/25/2001	SV
524.2	*THM-Chloroform	26	ug/L	0.5	10/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/25/2001	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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/25/2001	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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/25/2001	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 c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample BROOKLYN

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/25/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/5/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/5/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/5/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/5/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/5/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/5/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.80	ug/L	0.60	11/5/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/5/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/5/2001	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

Sample BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9805,p2014,2030,2015,q2114,8

Collected By: KAGZI

Comment:

Sample 24450

ID of Source:

Collection 10/24/2001 AT 8:44:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26205

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	11/5/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/5/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/5/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/5/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/5/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/5/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/5/2001	DLV

The breakdown for Endrin in the Breakdown Standard is 53%. Recoveries for 6 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 outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.73 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/5/2001	DLV
-------------------------	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does reveal the possible presence of 4-ethoxy-benzoic acid ethyl ester at an estimated level of 1.1 ug/L and bis(2-Ethylhexyl)decanedioic acid at an estimated level of 42 ug/L. Also present in the chromatogram are compounds from column bleed. The Field Blank for this sample will be analyzed.

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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	18000	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	65	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	1600	ug/L	100.0	11/1/2001	PAD

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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	5600	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	80	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	20000	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	9.2	ug/L	0.5	10/30/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/30/2001	SV
524.2	*THM-Chloroform	50	ug/L	0.5	10/30/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/30/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/30/2001	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 22,2019,8616,2029,2018,2118,86
 Collected By: GERTSIK
 Comment:

Sample MANHATTAN

 Sample 32550
 ID of Source:
 Collection 10/24/2001 AT
 Submitted 10/25/2001 AT
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/30/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/30/2001	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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/30/2001	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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/30/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.09 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/5/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/5/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/5/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/5/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/5/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/5/2001	DLV
bis(2-Ethylhexyl)phthalate	0.65	ug/L	0.60	11/5/2001	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 22,2019,8616,2029,2018,2118,86

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26206

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/5/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/5/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/5/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/5/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/5/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/5/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/5/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/5/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/5/2001	DLV

The breakdown for Endrin in the Breakdown Standard is 53%. Recoveries for 6 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 outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.73 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/3/2001	DLV
-------------------------	---	------	-----------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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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 c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample QUEENS

Sample 41650

ID of Source:

Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	30	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	460	ug/L	100.0	11/1/2001	PAD

Approved Pam Dilisizian

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Environmental Laboratories

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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 KM

Bottle c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample QUEENS

Sample 41650

ID of Source:

Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	20	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	6700	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/2/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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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 QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample 41650

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Collection 10/24/2001 AT 8:42:00

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PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.1	ug/L	0.5	10/30/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/30/2001	SV
524.2	*THM-Chloroform	26	ug/L	0.5	10/30/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/30/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/30/2001	SV

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Bottle c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample QUEENS

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Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/30/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/30/2001	SV

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

Sample QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample 41650

ID of Source:

Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/30/2001	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 QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample 41650

ID of Source:

Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/30/2001	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/5/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/5/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/5/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/5/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/5/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/5/2001	DLV
bis(2-Ethylhexyl)phthalate	0.95	ug/L	0.60	11/5/2001	DLV

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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 c9199,p9437,9473,9483,q8967,9

Collected By: PATEL

Comment:

Sample QUEENS

Sample 41650

ID of Source:

Collection 10/24/2001 AT 8:42:00

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26207

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	11/5/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/5/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/5/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/5/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/5/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/5/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/5/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/5/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/5/2001	DLV

The breakdown for Endrin in the Breakdown Standard is 53%. Recoveries for 6 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 outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.73 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/3/2001	DLV
-------------------------	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the possible presence of 1,1'-oxybis(2-ethoxy-)ethane at an estimated level of 108 ug/L and with a fit of 39 out of 100, N,4-dimethyl-Benzenesulfonamide at an estimated level of 8.3 ug/L and with a fit of 91 out of 100, 3-methoxy-1-Propanamine at an estimated level of 19 ug/L and with a fit of 35 out of 100, and N-butyl-N,4-dimethyl-Benzenesulfonamide at an estimated level of 22 ug/L and with a fit of 50 out of 100. The Field

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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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/14/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/2/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/14/2001	PAD
EPA94	Calcium	6500	ug/L	1000.0	11/14/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/14/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/14/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Iron	21	ug/L	20.0	11/14/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/26/2001	PAD
SM18	Potassium	480	ug/L	100.0	11/1/2001	PAD

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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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/14/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/14/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	11/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/14/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/7/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/31/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/8/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/9/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/7/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/14/2001	PAD

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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 KM

Bottle c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/2/2001	DLV

Recoveries for 5 of the 9 compounds in the LCS Standard were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	4.4	ug/L	0.5	10/30/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/30/2001	SV
524.2	*THM-Chloroform	38	ug/L	0.5	10/30/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/30/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV

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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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/30/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/30/2001	SV

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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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/30/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/30/2001	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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/30/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/30/2001	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	11/5/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/5/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/5/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/5/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/5/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/5/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/5/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/5/2001	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 c9854,7629,6599,7827,2121,896

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 51550

ID of Source:

Collection 10/24/2001 AT

Submitted 10/25/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD26208

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.72	ug/L	0.60	11/5/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/5/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/5/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/5/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/5/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/5/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/5/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/5/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/5/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/5/2001	DLV

The breakdown for Endrin in the Breakdown Standard is 53%. Recoveries for 6 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 outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate was 0.73 ug/L in the Laboratory Blank. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/3/2001	DLV
-------------------------	---	------	-----------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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