

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 C0496,Q630,616,615,P720,706,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 11/8/2001 AT 9:59:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	29	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	500	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

NYS ELAP # 10108

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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 C0496,Q630,616,615,P720,706,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 3

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Collection 11/8/2001 AT 9:59:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7600	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0496,Q630,616,615,P720,706,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 11/8/2001 AT 9:59:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/15/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/15/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/15/2001	DLV

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0496,Q630,616,615,P720,706,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 11/8/2001 AT 9:59:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27389

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/15/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/15/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.73	ug/L	0.60	11/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/15/2001	DLV

Recoveries for 6 of the 18 compounds in the MDL and LCS Standards are outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/19/2001	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

Approved Pam Dilsizian

QA Officer

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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 C0494,Q618,236,624,P702,705,7
Collected By: TIGLAO/VASSILE
Comment:

Sample HILLVIEW

Sample 58
ID of Source:
Collection 11/8/2001 AT 9:34:00
Submitted 11/8/2001 AT 11:34:00
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD27390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	48	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	500	ug/L	100.0	11/14/2001	PAD

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Distribution Laboratory

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Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0494,Q618,236,624,P702,705,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 11/8/2001 AT 9:34:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	28	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	.24	ug/L	1.0	12/13/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

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Distribution Laboratory

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Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0494,Q618,236,624,P702,705,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 11/8/2001 AT 9:34:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/15/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/15/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/15/2001	DLV

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Received LK

Bottle C0494,Q618,236,624,P702,705,7

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

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ID of Source:

Collection 11/8/2001 AT 9:34:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27390

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/15/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/15/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.78	ug/L	0.60	11/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/15/2001	DLV

Recoveries for 6 of the 18 compounds in the MDL and LCS Standards are outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/19/2001	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

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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 C0517,Q420,126,371,P448,760,7

Collected By: PATEL

Comment:

Sample BRONX

Sample 15050

ID of Source:

Collection 11/7/2001 AT 9:15:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	39	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	510	ug/L	100.0	11/14/2001	PAD

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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 C0517,Q420,126,371,P448,760,7

Collected By: PATEL

Comment:

Sample BRONX

Sample 15050

ID of Source:

Collection 11/7/2001 AT 9:15:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27391

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	27	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	.11	ug/L	1.0	12/13/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	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**Sample** BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK**Bottle** C0517,Q420,126,371,P448,760,7**Collected By:** PATEL**Comment:****Sample** 15050**ID of Source:****Collection** 11/7/2001 AT 9:15:00**Submitted** 11/8/2001 AT 11:34:00**Sample Type:** POT_DW**PWS No.:****Source Code:****Type Descriptor:**

Sample chilled on arrival? : YES

Report**Sample No. AD27391**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges. The recovery for the Surrogate Standard in this sample was below its acceptance range.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002**Environmental Laboratories**

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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 C0517,Q420,126,371,P448,760,7
Collected By: PATEL
Comment:

Sample BRONX

Sample 15050
ID of Source:
Collection 11/7/2001 AT 9:15:00
Submitted 11/8/2001 AT 11:34:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No.		AD27391				
Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/15/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/15/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/15/2001	DLV

Recoveries for 6 of the 18 compounds in the MDL and LCS Standards are outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/19/2001	DLV
-------------------------	------	------------	-----

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

Approved Pam Dilsizian	QA Officer	Date Approved:	1/9/2002
Environmental Laboratories		emailed	Original 1/9/2002

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 C0483,Q196,646,647,P777,372,7

Collected By: JOASIL

Comment:

Sample BROOKLYN

Sample 22650

ID of Source:

Collection 11/7/2001 AT 10:57:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	28	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	480	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

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 C0483,Q196,646,647,P777,372,7

Collected By: JOASIL

Comment:

Sample BROOKLYN

Sample 22650

ID of Source:

Collection 11/7/2001 AT 10:57:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	20	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	.30	ug/L	1.0	12/13/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

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 C0483,Q196,646,647,P777,372,7

Collected By: JOASIL

Comment:

Sample BROOKLYN

Sample 22650

ID of Source:

Collection 11/7/2001 AT 10:57:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/16/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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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 C0483,Q196,646,647,P777,372,7

Collected By: JOASIL

Comment:

Sample 22650

ID of Source:

Collection 11/7/2001 AT 10:57:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27392

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/16/2001	DLV

Recoveries for 4 of the 18 compounds in the MDL and LCS Standard and the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/19/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for 1-Hexadecanol at an estimated level of 1.1 ug/L, and with a fit of 46 out of 100; and 3,7,11-tri- 2,6,10-Dodecatrien-1-ol at an estimated level of 1.5 ug/L, and with a fit of 56 out of

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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 C0508,Q638,639,412,P755,745,4

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 31650

ID of Source:

Collection 11/7/2001 AT 10:54:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27393

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	39	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	520	ug/L	100.0	11/14/2001	PAD

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QA Officer

Date Approved: 1/9/2002

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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 C0508,Q638,639,412,P755,745,4

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 31650

ID of Source:

Collection 11/7/2001 AT 10:54:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27393

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	29	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7900	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	.29	ug/L	1.0	12/13/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/13/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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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 C0508,Q638,639,412,P755,745,4

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 31650

ID of Source:

Collection 11/7/2001 AT 10:54:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD27393

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/16/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/16/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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 C0508,Q638,639,412,P755,745,4
Collected By: BROWN
Comment:

Sample MANHATTAN
Sample 31650
ID of Source:
Collection 11/7/2001 AT 10:54:00
Submitted 11/8/2001 AT 11:34:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD27393

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/16/2001	DLV

Recoveries for 4 of the 18 compounds in the MDL and LCS Standard and the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/19/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds., except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.28 ug/L.

Approved Pam Dilsizian QA Officer

Date Approved: 1/9/2002

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 C0482,Q645,642,648,P773,771,7

Collected By: MOHAN/AHMAD

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 11/7/2001 AT 10:52:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27394

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	36	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	510	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

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 C0482,Q645,642,648,P773,771,7

Collected By: MOHAN/AHMAD

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 11/7/2001 AT 10:52:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27394

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	.34	ug/L	1.0	12/13/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

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QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

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 C0482,Q645,642,648,P773,771,7

Collected By: MOHAN/AHMAD

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 11/7/2001 AT 10:52:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27394

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/16/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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 C0482,Q645,642,648,P773,771,7

Collected By: MOHAN/AHMAD

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 11/7/2001 AT 10:52:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27394

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/16/2001	DLV

Recoveries for 4 of the 18 compounds in the MDL and LCS Standard and the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/19/2001	DLV
-------------------------	---	------	------------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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Original 1/9/2002

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 C0514,Q34,370,374,P743,494,74

Collected By: BOLTON

Comment:

Sample QUEENS

Sample 77050

ID of Source:

Collection 11/7/2001 AT 9:26:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27395

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	22000	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	26	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	1500	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

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 C0514,Q34,370,374,P743,494,74

Collected By: BOLTON

Comment:

Sample QUEENS

Sample 77050

ID of Source:

Collection 11/7/2001 AT 9:26:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27395

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	10000	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	45000	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/12/2001	PAD
EPA94	Selenium	2.6	ug/L	1.0	12/14/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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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 C0514,Q34,370,374,P743,494,74

Collected By: BOLTON

Comment:

Sample QUEENS

Sample 77050

ID of Source:

Collection 11/7/2001 AT 9:26:00

Submitted 11/8/2001 AT 11:34:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27395

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/16/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/16/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

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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 C0514,Q34,370,374,P743,494,74

Collected By: BOLTON

Comment:

Sample QUEENS

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Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27395

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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	Benzo(a)pyrene	< MDL	ug/L	0.20	11/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/16/2001	DLV

Recoveries for 4 of the 18 compounds in the MDL and LCS Standard and the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/19/2001	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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