

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 C0641,Q283,717,734,P853,862,8

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 3

ID of Source:

Collection 11/16/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28043

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
ICPMS Metals for NEWQ						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	13	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	4.0	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	<MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/14/2001	PAD
Zn did not recover. The result is suspect due to probably unsolved matrix effects.						
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	23	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 C0641,Q283,717,734,P853,862,8

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 3

ID of Source:

Collection 11/16/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28043

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	530	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	12/13/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/21/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 C0641,Q283,717,734,P853,862,8

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 3

ID of Source:

Collection 11/16/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28043

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0641,Q283,717,734,P853,862,8

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 3

ID of Source:

Collection 11/16/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28043

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 4 of 4

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 C0629,Q709,710,722,P835,836,1

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 58

ID of Source:

Collection 11/16/2001 AT 9:55:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28044

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	1.1	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	22.8	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	2.1	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	4.2	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	25	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 C0629,Q709,710,722,P835,836,1

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 58

ID of Source:

Collection 11/16/2001 AT 9:55:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28044

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	530	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/21/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 C0629,Q709,710,722,P835,836,1

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 58

ID of Source:

Collection 11/16/2001 AT 9:55:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28044

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0629,Q709,710,722,P835,836,1

Collected By: ODOMIROK

Comment:

Sample BX HILLVIEW

Sample 58

ID of Source:

Collection 11/16/2001 AT 9:55:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28044

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range. However, upon reinjection after laboratory-wide corrections were made, the recovery was acceptable.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 4 of 4

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 C0588,Q396,437,304,P969,975,9

Collected By: TSUI

Comment:

Sample BRONX

Sample 12150

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28045

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	12.7	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	4.2	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	20.1	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	1.3	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	21	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved:

2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 C0588,Q396,437,304,P969,975,9

Collected By: TSUI

Comment:

Sample BRONX

Sample 12150

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28045

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	530	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	6200	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 C0588,Q396,437,304,P969,975,9

Collected By: TSUI

Comment:

Sample BRONX

Sample 12150

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28045

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0588,Q396,437,304,P969,975,9

Collected By: TSUI

Comment:

Sample BRONX

Sample 12150

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28045

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range. However, upon reinjection after laboratory-wide corrections were made, the recovery was acceptable.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 4 of 4

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 C0591,Q398,478,4,P959P972,96

Collected By: PATEL/MOHAN

Comment:

Sample BROOKLYN

Sample 25550

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	13.6	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	5.9	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	22.6	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	2.1	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	2.3	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6600	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	27	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved:

2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 C0591,Q398,478,4,P959P972,96
Collected By: PATEL/MOHAN
Comment:

Sample BROOKLYN

Sample 25550
ID of Source:
Collection 11/15/2001 AT
Submitted 11/16/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	580	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1500	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 C0591,Q398,478,4,P959P972,96

Collected By: PATEL/MOHAN

Comment:

Sample BROOKLYN

Sample 25550

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved:

2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0591,Q398,478,4,P959P972,96

Collected By: PATEL/MOHAN

Comment:

Sample BROOKLYN

Sample 25550

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28046

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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 Dilisizian

QA Officer

Environmental Laboratories

NYS ELAP # 10108

Date Approved: 2/8/2002

emailed

Original 2/8/2002

Page 4 of 4

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 C0579,Q806,679,487,P933,920,9
 Collected By: JOASIL
 Comment:

Sample MANHATTAN
 Sample 31850
 ID of Source:
 Collection 11/15/2001 AT 9:05:00
 Submitted 11/16/2001 AT
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD28047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	14.7	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	9.9	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	25.8	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	2.4	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	8400	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	43	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 C0579,Q806,679,487,P933,920,9

Collected By: JOASIL

Comment:

Sample MANHATTAN

Sample 31850

ID of Source:

Collection 11/15/2001 AT 9:05:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	750	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	2100	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	9400	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 C0579,Q806,679,487,P933,920,9

Collected By: JOASIL

Comment:

Sample MANHATTAN

Sample 31850

ID of Source:

Collection 11/15/2001 AT 9:05:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0579,Q806,679,487,P933,920,9

Collected By: JOASIL

Comment:

Sample MANHATTAN

Sample 31850

ID of Source:

Collection 11/15/2001 AT 9:05:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28047

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 4 of 4

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 C0572,Q512,507,136,P965,964,9

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41150

ID of Source:

Collection 11/15/2001 AT 8:24:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	12.5	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	8.7	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	20.9	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	4.9	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	23	ug/L	20.0	12/13/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved:

2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 1 of 4

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 LK

Bottle C0572,Q512,507,136,P965,964,9

Collected By: AHMAD

Comment:

Sample 41150

ID of Source:

Collection 11/15/2001 AT 8:24:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	520	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	6600	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 2 of 4

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 LK

Bottle C0572,Q512,507,136,P965,964,9

Collected By: AHMAD

Comment:

Sample 41150

ID of Source:

Collection 11/15/2001 AT 8:24:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	11/26/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/26/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/26/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/26/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/26/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/26/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/26/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/26/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/26/2001	DLV
Butachlor	< MDL	ug/L	0.40	11/26/2001	DLV
EPTC	< MDL	ug/L	1.0	11/26/2001	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	11/26/2001	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/26/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 3 of 4

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 C0572,Q512,507,136,P965,964,9

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 41150

ID of Source:

Collection 11/15/2001 AT 8:24:00

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28048

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	11/26/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/26/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/26/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/26/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/26/2001	DLV

Recoveries for 5 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	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: 2/8/2002

Environmental Laboratories

emailed

Original 2/8/2002

NYS ELAP # 10108

Page 4 of 4

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample STATEN ISLAND

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

Dr. Ian Hurley

Received LK

Bottle C0589,Q543,429,566,P966,967,9

Collected By: BROWN

Comment:

Sample 52450

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
ICPMS Metals for NEWQ						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Barium	13.7	ug/L	0.1	12/14/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Copper	7.0	ug/L	1.0	12/14/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Manganese	21.4	ug/L	1.0	12/14/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/14/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Zinc	1.4	ug/L	2.0	12/14/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Calcium	6300	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	23	ug/L	20.0	12/13/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 2/20/2002

Environmental Laboratories

emailed

Copy 2/20/2002

NYS ELAP # 10108

Page 1 of 4

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 C0589,Q543,429,566,P966,967,9

Collected By: BROWN

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
SM18	Potassium	540	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	12/14/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 2/20/2002

Environmental Laboratories

emailed

Copy 2/20/2002

NYS ELAP # 10108

Page 2 of 4

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 C0589,Q543,429,566,P966,967,9

Collected By: BROWN

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 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	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 2/20/2002

Environmental Laboratories

emailed

Copy 2/20/2002

NYS ELAP # 10108

Page 3 of 4

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 C0589,Q543,429,566,P966,967,9

Collected By: BROWN

Comment:

Sample STATEN ISLAND

Sample 52450

ID of Source:

Collection 11/15/2001 AT

Submitted 11/16/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28049

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds . ug/L 1/2/2002 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. This sample is the Field Blank.

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 2/20/2002

Environmental Laboratories

emailed

Copy 2/20/2002

NYS ELAP # 10108

Page 4 of 4