

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 JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACoub

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	27	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/7/2001	PAD
SM18	Potassium	520	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 1 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACoub

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	25	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7700	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/20/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 2 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACOB

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/9/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/9/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/9/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/9/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/9/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/9/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/9/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/9/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/9/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/9/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	5.4	ug/L	0.5	11/10/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/10/2001	SV
524.2	*THM-Chloroform	36	ug/L	0.5	11/10/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/10/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 3 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACOB

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/10/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dillsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 4 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACOUB

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/10/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/10/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/10/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved:

1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACOB

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/10/2001	SV

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

THE RECOVERY OF ONE OF THREE SURROGATES IS 5% ABOVE THE UPPER CONTROL LIMIT.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/14/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/14/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/14/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/14/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/14/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/14/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/14/2001	DLV
Butachlor	< MDL	ug/L	0.40	11/14/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 6 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle c0473,383,538,537,384,3551,806

Collected By: YACOB

Comment:

Sample

BRONX

Sample 3

ID of Source:

Collection 11/4/2001 AT 8:41:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27014

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	11/14/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/14/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/14/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/14/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/14/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/14/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/14/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/14/2001	DLV

The recoveries for 5 of the 8 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 breakdown for Endrin in the Breakdown Standard was 49%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.35 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/7/2002

Environmental Laboratories

emailed

Original 1/7/2002

NYS ELAP # 10108

Page 7 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex.
 Corona N.Y. 11368
 Dr. Ian Hurley
Received JC
Bottle 0608,676,440,327,326,6368,8523
Collected By: YACoub
Comment:

Sample
 BRONX

Sample 58
ID of Source:
Collection 11/4/2001 AT 8:18:00
Submitted 11/4/2001 AT 9:45:00
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	28	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/7/2001	PAD
SM18	Potassium	510	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 1 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample
BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	23	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7300	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/20/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 2 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample

BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/9/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/9/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/9/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/9/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/9/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/9/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/9/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/9/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/9/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/9/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	3.6	ug/L	0.5	11/10/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/10/2001	SV
524.2	*THM-Chloroform	22	ug/L	0.5	11/10/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/10/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 3 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample

BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/10/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 4 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample
BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/10/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/10/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/10/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample
BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/10/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/10/2001	SV

ACETONE FOUND IN THIS SAMPLE AT 20 ug/L. ACETONE IN THE FIELD BLANKS IS 21 AND 40 ug/L.
THE RECOVERY OF ONE OF THREE SURROGATES IS 1% ABOVE THE UPPER CONTROL LIMIT.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	11/14/2001	DLV
Acetochlor	< MDL	ug/L	2.0	11/14/2001	DLV
Alachlor	< MDL	ug/L	0.20	11/14/2001	DLV
Atrazine	< MDL	ug/L	0.20	11/14/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	11/14/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/14/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/14/2001	DLV
Butachlor	< MDL	ug/L	0.40	11/14/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 6 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received JC

Bottle 0608,676,440,327,326,6368,8523

Collected By: YACoub

Comment:

Sample

BRONX

Sample 58

ID of Source:

Collection 11/4/2001 AT 8:18:00

Submitted 11/4/2001 AT 9:45:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27015

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	11/14/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/14/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/14/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/14/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/14/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/14/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/14/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/14/2001	DLV

The recoveries for 5 of the 8 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 breakdown for Endrin in the Breakdown Standard was 49%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.50 ug/L.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

Environmental Laboratories

emailed

Original 1/4/2002

NYS ELAP # 10108

Page 7 of 7