

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex. 6th
Corona N.Y. 11368
Dr. Ian Hurley

Sample Location: HILLVIEW RESERVOIR

Sample Point: BX3
ID of Source:

Received By: EP

Collection Date: 9/20/2001 AT 9:40:00 A

Bottle No.: 7195,6364,6397,211,210,234,9486

Submitted On: 9/20/2001 AT 10:51:00 A

Collected By: SPERANZA/TIGLA

Sample Type: POT_DW

Comment:

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report To:

Sample No. AD23079

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/25/2001	
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/25/2001	
SM18 3113	Arsenic	< MDL	ug/L	20	9/25/2001	
EPA94 200.	Barium	< MDL	ug/L	200.0	9/25/2001	
EPA94 200.	Beryllium	< MDL	ug/L	2	9/25/2001	
EPA94 200.	Calcium	5600	ug/L	1000.0	9/25/2001	
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/25/2001	
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/25/2001	
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/25/2001	
EPA94 200.	Copper	< MDL	ug/L	20.0	9/25/2001	
EPA94 200.	Iron	< MDL	ug/L	20.0	9/25/2001	
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/21/2001	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original 9/27/2001

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Westchester County 9/27/01 10:43 PAGE 60/622 RightFAX

REPORT OF ANALYSIS**Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**

Agency: New York City DEP DWQC
 Distribution Laboratory
 96-05 Horace Harding Ex. 6th
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 Dr. Ian Hurley

Received By: EP
Bottle No.: 7195,6364,6397,211,210,234,9486
Collected By: SPERANZA/TIGLA
Comment:

Sample Location: HILLVIEW RESERVOIR

Sample Point: BX3
ID of Source:

Collection Date: 9/20/2001 AT 9:40:00 A
Submitted On: 9/20/2001 AT 10:51:00 A
Sample Type: POT_DW

PWS No.: **Source Code:**
Type Descriptor:
Chilled on arrival?: yes

Report To:**Sample No. AD23079**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18 3111	Potassium	PENDING	ug/L		1/1/1981	
EPA94 200.	Magnesium	1200	ug/L	1000.0	9/25/2001	
EPA94 200.	Manganese	22	ug/L	20.0	9/25/2001	
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/25/2001	
EPA94 200.	Sodium	7600	ug/L	1000.0	9/25/2001	
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/25/2001	
SM18 3113	Lead	< MDL	ug/L	1.0	9/24/2001	
EPA79 4.1.	Potable Metals Digestion	Completed			9/25/2001	
SM18 3111	Antimony	< MDL	ug/L	6	9/21/2001	
SM18 3113	Selenium	< MDL	ug/L	2	9/21/2001	
SM18 3113	Tin	< MDL	ug/L	100	9/21/2001	
	Stat charge for HG TEST	Completed			9/25/2001 7:52 AM	
	Stat charge for HGA test	PENDING			1/1/1981 12:00 AM	

Approved By:**Date Approved:** 1/1/1981

Environmental Laboratories
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Sample Location: HILLVIEW RESERVOIR**Received By:** EP**Bottle No.:** 7195,6364,6397,211,210,234,9486**Collected By:** SPERANZA/TIGLA**Comment:****Sample Point:** BX3**ID of Source:****Collection Date:** 9/20/2001 AT 9:40:00 A**Submitted On:** 9/20/2001 AT 10:51:00 A**Sample Type:** POT_DW**PWS No.:****Source Code:****Type Descriptor:****Chilled on arrival?:** yes**Report To:****Sample No. AD23079**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			9/25/2001 7:52 AM	
SM18 3113	Titanium	< MDL	ug/L	100	9/24/2001	
EPA94 200.	Thallium	< MDL	ug/L	2	9/21/2001	
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/25/2001	
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/25/2001	

Organics**Volatile Organic Compounds**

524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	9/21/2020	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/21/2020	SV
524.2	*THM-Chloroform	25	ug/L	.5	9/21/2020	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/21/2020	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/21/2020	SV

Approved By:**Date Approved:** 1/1/1981

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Sample Location: HILLVIEW RESERVOIR

Sample Point: BX3

ID of Source:

Received By: EP

Collection Date: 9/20/2001 AT 9:40:00 A

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Collected By: SPERANZA/TIGLA

Sample Type: POT_DW

Comment:

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report To:

Sample No. AD23079

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/21/2020	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/21/2020	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/21/2020	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/21/2020	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Benzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/21/2020	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/21/2020	SV

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Sample Location: HILLVIEW RESERVOIR

Sample Point: BX3

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Bottle No.: 7195,6364,6397,211,210,234,9486

Submitted On: 9/20/2001 AT 10:51:00 A

Collected By: SPERANZA/TIGLA

Sample Type: POT_DW

Comment:

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report To:

Sample No. AD23079

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chloroethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/21/2020	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Methyl Iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/21/2020	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/21/2020	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/21/2020	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/21/2020	SV
524.2	O-xylene	< MDL	ug/L	.5	9/21/2020	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/21/2020	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/21/2020	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Styrene	< MDL	ug/L	.5	9/21/2020	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/21/2020	SV

Approved By:

Date Approved: 1/1/1981

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Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex. 8th
Corona N.Y. 11368
Dr. Ian Hurley

Sample Location: HILLVIEW RESERVOIR

Sample Point: BX3

ID of Source:

Received By: EP

Collection Date: 9/20/2001 AT 9:40:00 A

Bottle No.: 7195,6364,6397,211,210,234,9486

Submitted On: 9/20/2001 AT 10:51:00 A

Collected By: SPERANZA/TIGLA

Sample Type: POT_DW

Comment:

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report To:

Sample No. AD23079

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Toluene	< MDL	ug/L	.5	9/21/2020	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/21/2020	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/21/2020	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/21/2020	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/21/2020	SV

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

Stat charge for VOLATILE organic te

Completed

9/24/2001 2:26 PM SV

Approved By:

Date Approved: 1/1/1981

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 EP

Bottle 6938,7630,5823,51,65,216,223,1

Collected By: SPERANZA/TIGLA

Comment:

Sample HILLVIEW RESERVOIR

Sample BX58

ID of Source:

Collection 09/20/01 AT 9:25:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	5600	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

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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 EP

Bottle 6938,7630,5823,51,65,216,223,1

Collected By: SPERANZA/TIGLA

Comment:

Sample HILLVIEW RESERVOIR

Sample BX58

ID of Source:

Collection 09/20/01 AT 9:25:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	450	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	21	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7100	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/24/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:01 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

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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 EP

Bottle 6938,7630,5823,51,65,216,223,1

Collected By: SPERANZA/TIGLA

Comment:

Sample HILLVIEW RESERVOIR

Sample BX58

ID of Source:

Collection 09/20/01 AT 9:25:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:01 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

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Bottle 6938,7630,5823,51,65,216,223,1
Collected By: SPERANZA/TIGLA
Comment:

Sample HILLVIEW RESERVOIR

Sample BX58
ID of Source:
Collection 09/20/01 AT 9:25:00
Submitted 09/20/01 AT 10:51:00
Sample Type: POT_DW
PWS No.: **Source Code:**
Type Descriptor:
Chilled on arrival?: yes

Report**Sample No. AD23080**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV
The recovery for Aldrin in the MDL Standard was below its acceptance range.						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	2.6	ug/L	.5	09/21/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/21/01	SV
524.2	*THM-Chloroform	16	ug/L	.5	09/21/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/21/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01**Environmental Laboratories**

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 Distribution Laboratory
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 Corona N.Y. 11368
 Dr. Ian Hurley
 Received EP
 Bottle 6938,7630,5823,51,65,216,223,1
 Collected By: SPERANZA/TIGLA
 Comment:

Sample HILLVIEW RESERVOIR

Sample BX58
 ID of Source:
 Collection 09/20/01 AT 9:25:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/21/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/21/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle 6938,7630,5823,51,65,216,223,1

Collected By: SPERANZA/TIGLA

Comment:

Sample HILLVIEW RESERVOIR

Sample BX58

ID of Source:

Collection 09/20/01 AT 9:25:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/21/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/21/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/21/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/21/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/21/01	SV

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Date Approved: 10/15/01

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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 EP

Bottle 6938,7630,5823,51,65,216,223,1

Collected By: SPERANZA/TIGLA

Comment:

Sample HILLVIEW RESERVOIR

Sample BX58

ID of Source:

Collection 09/20/01 AT 9:25:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.						
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/26/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/26/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/26/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/26/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/26/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/26/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/26/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/26/01	DLV
	EPTC	< MDL	ug/L	1.0	09/26/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/26/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/26/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/26/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/26/01	DLV
	Molinate	< MDL	ug/L	0.90	09/26/01	DLV
	Simazine	< MDL	ug/L	0.07	09/26/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/26/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 6938,7630,5823,51,65,216,223,1
 Collected By: SPERANZA/TIGLA
 Comment:

Sample HILLVIEW RESERVOIR

 Sample BX58
 ID of Source:
 Collection 09/20/01 AT 9:25:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23080

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Recoveries for three of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recovery for Terbacil in the LCS Standard was above its acceptance range. The recoveries for six of the eighteen compounds in the Spiked Sample were outside their acceptance ranges. The recovery of one of the three Surrogate Standards in this sample was below its acceptance range.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		10/10/01	DLV
A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.						
	Stat charge for VOLATILE organic	Completed			09/24/01 2:27 PM	SV

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Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 154,195,c9477,3433,3778,4544,3
 Collected By: BROWN
 Comment:

Sample BRONX

Sample 15250/DEP LAB#28373
 ID of Source:
 Collection 09/19/01 AT 10:15:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	5600	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

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Date Approved: 10/15/01

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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 EP

Bottle 154,195,c9477,3433,3778,4544,3

Collected By: BROWN

Comment:

Sample BRONX

Sample 15250/DEP LAB#28373

ID of Source:

Collection 09/19/01 AT 10:15:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	460	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7000	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:04 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 154,195,c9477,3433,3778,4544,3

Collected By: BROWN

Comment:

Sample BRONX

Sample 15250/DEP LAB#28373

ID of Source:

Collection 09/19/01 AT 10:15:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:04 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
Bottle 154,195,c9477,3433,3778,4544,3
Collected By: BROWN
Comment:

Sample BRONX

Sample 15250/DEP LAB#28373
ID of Source:
Collection 09/19/01 AT 10:15:00
Submitted 09/20/01 AT 10:51:00
Sample Type: POT_DW
PWS No.: Source Code:
Type Descriptor:
Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV
The recovery for Aldrin in the MDL Standard was below its acceptance range.						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	2.1	ug/L	.5	09/21/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/21/01	SV
524.2	*THM-Chloroform	14	ug/L	.5	09/21/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/21/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP

Bottle 154,195,c9477,3433,3778,4544,3

Collected By: BROWN

Comment:

Sample BRONX

Sample 15250/DEP LAB#28373

ID of Source:

Collection 09/19/01 AT 10:15:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/21/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/21/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/21/01	SV

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Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle 154,195,c9477,3433,3778,4544,3

Collected By: BROWN

Comment:

Sample BRONX

Sample 15250/DEP LAB#28373

ID of Source:

Collection 09/19/01 AT 10:15:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/21/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/21/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/21/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/21/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP
Bottle 154,195,c9477,3433,3778,4544,3
Collected By: BROWN
Comment:

Sample BRONX

Sample 15250/DEP LAB#28373
ID of Source:
Collection 09/19/01 AT 10:15:00
Submitted 09/20/01 AT 10:51:00
Sample Type: POT_DW
PWS No.: Source Code:
Type Descriptor:
Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.02 ug/L.						
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/26/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/26/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/26/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/26/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/26/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/26/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/26/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/26/01	DLV
	EPTC	< MDL	ug/L	1.0	09/26/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/26/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/26/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/26/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/26/01	DLV
	Molinate	< MDL	ug/L	0.90	09/26/01	DLV
	Simazine	< MDL	ug/L	0.07	09/26/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/26/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 154,195,c9477,3433,3778,4544,3
 Collected By: BROWN
 Comment:

Sample BRONX

Sample 15250/DEP LAB#28373
 ID of Source:
 Collection 09/19/01 AT 10:15:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23081

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

Recoveries for three of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recovery for Terbacil in the LCS Standard was above its acceptance range. The recoveries for six of the eighteen compounds in the Spiked Sample were outside their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/10/01	DLV
-------------------------	---	------	----------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.

Stat charge for VOLATILE organic	Completed	09/24/01 2:28 PM SV
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Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle c9163,209,206,207,6951,4201,54

Collected By: PATEL

Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376

ID of Source:

Collection 09/19/01 AT 10:42:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	5800	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP
Bottle c9163,209,206,207,6951,4201,54
Collected By: PATEL
Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376
ID of Source:
Collection 09/19/01 AT 10:42:00
Submitted 09/20/01 AT 10:51:00
Sample Type: POT_DW
PWS No.: **Source Code:**
Type Descriptor:
Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	510	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7200	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:06 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

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Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP
 Bottle c9163,209,206,207,6951,4201,54
 Collected By: PATEL
 Comment:

Sample BROOKLYN

 Sample 20650/DEP LAB #28376
 ID of Source:
 Collection 09/19/01 AT 10:42:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:06 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD

Organics Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
Endrin	< MDL	ug/L	0.020	09/21/01	DLV
Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
Lindane	< MDL	ug/L	0.030	09/21/01	DLV
Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
PCB's	< MDL	ug/L	0.20	09/21/01	DLV
Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

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Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP

Bottle c9163,209,206,207,6951,4201,54

Collected By: PATEL

Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376

ID of Source:

Collection 09/19/01 AT 10:42:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV
The recovery for Aldrin in the MDL Standard was below its acceptance range.						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	3.4	ug/L	.5	09/21/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/21/01	SV
524.2	*THM-Chloroform	23	ug/L	.5	09/21/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/21/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP

Bottle c9163,209,206,207,6951,4201,54

Collected By: PATEL

Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376

ID of Source:

Collection 09/19/01 AT 10:42:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/21/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/21/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP

Bottle c9163,209,206,207,6951,4201,54

Collected By: PATEL

Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376

ID of Source:

Collection 09/19/01 AT 10:42:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/21/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/21/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/21/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/21/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

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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 EP
 Bottle c9163,209,206,207,6951,4201,54
 Collected By: PATEL
 Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376
 ID of Source:
 Collection 09/19/01 AT 10:42:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.05 ug/L.						
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/27/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/27/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/27/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/27/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/27/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/27/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/27/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/27/01	DLV
	EPTC	< MDL	ug/L	1.0	09/27/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/27/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/27/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/27/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/27/01	DLV
	Molinate	< MDL	ug/L	0.90	09/27/01	DLV
	Simazine	< MDL	ug/L	0.07	09/27/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/27/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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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 EP

Bottle c9163,209,206,207,6951,4201,54

Collected By: PATEL

Comment:

Sample BROOKLYN

Sample 20650/DEP LAB #28376

ID of Source:

Collection 09/19/01 AT 10:42:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23082

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

The recovery for Terbacil in the LCS Standard was above its acceptance range. The recovery for one of the three Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds

. ug/L

10/10/01

DLV

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds. These hydrocarbons do not appear to be present in the Laboratory Blank.

However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.

Stat charge for VOLATILE organic

Completed

09/21/20 12:07 AM SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	5700	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	130	ug/L	20.0	09/25/01	PAD
EPA94	Iron	24	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

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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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	530	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	32	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7500	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	4.1	ug/L	1.0	09/24/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:14 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:14 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV

The recovery for Aldrin in the MDL Standard was below its acceptance range. The recovery for the Surrogate Standard in this sample was above its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.5	ug/L	.5	09/21/20	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/21/20	SV
524.2	*THM-Chloroform	29	ug/L	.5	09/21/20	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/21/20	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/21/20	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/21/20	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/21/20	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/21/20	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/21/20	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/21/20	SV
524.2	Benzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/21/20	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/21/20	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/21/20	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/21/20	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/21/20	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/21/20	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/21/20	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/21/20	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/21/20	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP**Bottle** c9720,49,484,6885,5498,7381,91**Collected By:** KAGZI**Comment:****Sample** MANHATTAN**Sample** 30550/DEP LAB #28384**ID of Source:****Collection** 09/19/01 AT 12:09:00**Submitted** 09/20/01 AT 10:51:00**Sample Type:** POT_DW**PWS No.:****Source Code:****Type Descriptor:****Chilled on arrival?:** yes**Report****Sample No. AD23083**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Ethylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/21/20	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/21/20	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/21/20	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/21/20	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/21/20	SV
524.2	O-xylene	< MDL	ug/L	.5	09/21/20	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/21/20	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/21/20	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Styrene	< MDL	ug/L	.5	09/21/20	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/21/20	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/21/20	SV
524.2	Toluene	< MDL	ug/L	.5	09/21/20	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/21/20	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/21/20	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/21/20	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/21/20	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01**Environmental Laboratories**

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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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	.5	09/21/20	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
4,4-DDE	< MDL	ug/L	0.80	09/27/01	DLV
Acetochlor	< MDL	ug/L	2.0	09/27/01	DLV
Alachlor	< MDL	ug/L	0.20	09/27/01	DLV
Atrazine	< MDL	ug/L	0.10	09/27/01	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	09/27/01	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/27/01	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/27/01	DLV
Butachlor	< MDL	ug/L	0.40	09/27/01	DLV
EPTC	< MDL	ug/L	1.0	09/27/01	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	09/27/01	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/27/01	DLV
Metolachlor	< MDL	ug/L	0.75	09/27/01	DLV
Metribuzin	< MDL	ug/L	0.15	09/27/01	DLV
Molinate	< MDL	ug/L	0.90	09/27/01	DLV
Simazine	< MDL	ug/L	0.07	09/27/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP

Bottle c9720,49,484,6885,5498,7381,91

Collected By: KAGZI

Comment:

Sample MANHATTAN

Sample 30550/DEP LAB #28384

ID of Source:

Collection 09/19/01 AT 12:09:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23083

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Terbacil	< MDL	ug/L	2.0	09/27/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/10/01	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.

Stat charge for VOLATILE organic

Completed

09/21/20 12:07 AM SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 508,204,6113,6261,7162
 Collected By: VASSILEV
 Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401
 ID of Source:
 Collection 09/19/01 AT 10:30:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	6100	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP

Bottle 508,204,6113,6261,7162

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401

ID of Source:

Collection 09/19/01 AT 10:30:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	470	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1100	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7000	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:19 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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 EP
 Bottle 508,204,6113,6261,7162
 Collected By: VASSILEV
 Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401
 ID of Source:
 Collection 09/19/01 AT 10:30:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:19 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

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Chief of Env. Lab Services

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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 EP

Bottle 508,204,6113,6261,7162

Collected By: VASSILEV

Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401

ID of Source:

Collection 09/19/01 AT 10:30:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV
The recovery for Aldrin in the MDL Standard was below its acceptance range.						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	2.8	ug/L	.5	09/21/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/21/01	SV
524.2	*THM-Chloroform	25	ug/L	.5	09/21/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/21/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 508,204,6113,6261,7162
 Collected By: VASSILEV
 Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401
 ID of Source:
 Collection 09/19/01 AT 10:30:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/21/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/21/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/21/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/21/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 508,204,6113,6261,7162

Collected By: VASSILEV

Comment:

Sample 47150/DEP LAB #28401

ID of Source:

Collection 09/19/01 AT 10:30:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/21/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/21/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/21/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/21/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/21/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/21/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/21/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/21/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/21/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/21/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/21/01	SV

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Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle 508,204,6113,6261,7162
 Collected By: VASSILEV
 Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401
 ID of Source:
 Collection 09/19/01 AT 10:30:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.04 ug/L.						
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/26/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/26/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/26/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/26/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/26/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/26/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/26/01	DLV
	bis(2-Ethylhexyl)phthalate	0.71	ug/L	0.60	09/26/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/26/01	DLV
	EPTC	< MDL	ug/L	1.0	09/26/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/26/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/26/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/26/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/26/01	DLV
	Molinate	< MDL	ug/L	0.90	09/26/01	DLV
	Simazine	< MDL	ug/L	0.07	09/26/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/26/01	DLV

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Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
Bottle 508,204,6113,6261,7162
Collected By: VASSILEV
Comment:

Sample QUEENS

Sample 47150/DEP LAB #28401
ID of Source:
Collection 09/19/01 AT 10:30:00
Submitted 09/20/01 AT 10:51:00
Sample Type: POT_DW
PWS No.: **Source Code:**
Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23084

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

Recoveries for three of the eighteen compounds in the MDL Standard were above their acceptance ranges. The recovery for Terbacil in the LCS Standard was above its acceptance range. The recoveries for six of the eighteen compounds in the Spiked Sample were outside their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was below its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/10/01	DLV
-------------------------	---	------	----------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.

Stat charge for VOLATILE organic	Completed	09/24/01 3:04 PM	SV
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Date Approved: 10/15/01

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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 EP

Bottle c9768,125,218,220,7209,309,543

Collected By: SACKETT

Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406

ID of Source:

Collection 09/19/01 AT 9:06:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/25/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/25/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/25/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/25/01	PAD
EPA94	Calcium	6300	ug/L	1000.0	09/25/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/25/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/25/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/25/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

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Date Approved: 10/15/01

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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 EP

Bottle c9768,125,218,220,7209,309,543

Collected By: SACKETT

Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406

ID of Source:

Collection 09/19/01 AT 9:06:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	490	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/25/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/25/01	PAD
EPA94	Sodium	7300	ug/L	1000.0	09/25/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/25/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA79	Potable Metals Digestion	Completed			09/25/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			09/25/01 8:22 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

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Date Approved: 10/15/01

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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 EP
Bottle c9768,125,218,220,7209,309,543
Collected By: SACKETT
Comment:

Sample STATEN ISLAND**Sample 51350/DEP LAB #28406****ID of Source:****Collection 09/19/01 AT 9:06:00****Submitted 09/20/01 AT 10:51:00****Sample Type: POT_DW****PWS No.:****Source Code:****Type Descriptor:****Chilled on arrival?: yes****Report****Sample No. AD23085**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/25/01 8:22 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/25/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/25/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

Approved Donna Popp**Chief of Env. Lab Services****Date Approved: 10/15/01****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 EP

Bottle c9768,125,218,220,7209,309,543

Collected By: SACKETT

Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406

ID of Source:

Collection 09/19/01 AT 9:06:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV

The recovery for Aldrin in the MDL Standard was below its acceptance range. The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.6	ug/L	.5	09/27/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/27/01	SV
524.2	*THM-Chloroform	37	ug/L	.5	09/27/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/27/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/27/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
Bottle c9768,125,218,220,7209,309,543
Collected By: SACKETT
Comment:

Sample STATEN ISLAND**Sample** 51350/DEP LAB #28406**ID of Source:****Collection** 09/19/01 AT 9:06:00**Submitted** 09/20/01 AT 10:51:00**Sample Type:** POT_DW**PWS No.:****Source Code:****Type Descriptor:****Chilled on arrival?:** yes**Report****Sample No. AD23085**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/27/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/27/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/27/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/27/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/27/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/27/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/27/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/27/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/27/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/27/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/27/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/27/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/27/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/27/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01**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 EP

Bottle c9768,125,218,220,7209,309,543

Collected By: SACKETT

Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406

ID of Source:

Collection 09/19/01 AT 9:06:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Ethylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/27/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/27/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/27/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/27/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/27/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/27/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/27/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/27/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/27/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/27/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/27/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/27/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/27/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/27/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/27/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/27/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP

Bottle c9768,125,218,220,7209,309,543

Collected By: SACKETT

Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406

ID of Source:

Collection 09/19/01 AT 9:06:00

Submitted 09/20/01 AT 10:51:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	.5	09/27/01	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.10 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
4,4-DDE	< MDL	ug/L	0.80	09/27/01	DLV
Acetochlor	< MDL	ug/L	2.0	09/27/01	DLV
Alachlor	< MDL	ug/L	0.20	09/27/01	DLV
Atrazine	< MDL	ug/L	0.10	09/27/01	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	09/27/01	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/27/01	DLV
bis(2-Ethylhexyl)phthalate	0.88	ug/L	0.60	09/27/01	DLV
Butachlor	< MDL	ug/L	0.40	09/27/01	DLV
EPTC	< MDL	ug/L	1.0	09/27/01	DLV
Hexachlorobenzene	< MDL	ug/L	0.10	09/27/01	DLV
Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/27/01	DLV
Metolachlor	< MDL	ug/L	0.75	09/27/01	DLV
Metribuzin	< MDL	ug/L	0.15	09/27/01	DLV
Molinate	< MDL	ug/L	0.90	09/27/01	DLV
Simazine	< MDL	ug/L	0.07	09/27/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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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 EP
 Bottle c9768,125,218,220,7209,309,543
 Collected By: SACKETT
 Comment:

Sample STATEN ISLAND

Sample 51350/DEP LAB #28406
 ID of Source:
 Collection 09/19/01 AT 9:06:00
 Submitted 09/20/01 AT 10:51:00
 Sample Type: POT_DW
 PWS No.: Source Code:
 Type Descriptor:
 Chilled on arrival?: yes

Report

Sample No. AD23085

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Terbacil	< MDL	ug/L	2.0	09/27/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/10/01	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds at levels relatively less than other samples. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than in the samples themselves, i.e. laboratory equipment.

Approved Donna Popp

Chief of Env. Lab Services

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