

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley
Received KM
Bottle C9225,K5871,6461,3930,P9618,
Collected By: TIGLAO/VASSILE
Comment:

Sample HILLVIEW RESERVOIR

Sample BX 3
ID of Source:
Collection 10/3/2001 AT 10:05:00
Submitted 10/3/2001 AT 11:09:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD24214

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	550	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 11/15/2001

Environmental Laboratories

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NYS ELAP # 10108

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		Sample No.	AD24214				
Method	Test Description	Results	Units	MDL	Analyzed on	Validator	
EPA94	Magnesium	1200	ug/L	1000.0	10/12/2001	PAD	
EPA94	Manganese	23	ug/L	20.0	10/12/2001	PAD	
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD	
EPA94	Sodium	7700	ug/L	1000.0	10/12/2001	PAD	
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD	
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD	
EPA'79	Potable Metals Digestion	Completed			10/10/2001	PAD	
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD	
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD	
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD	
	Stat charge for HG TEST	Completed			10/5/2001	3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/11/2001	PAD	
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD	
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD	

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Sample No. AD24214

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/9/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/9/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/9/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/9/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/9/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/9/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/9/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/9/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/9/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/9/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/9/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/9/2001	DLV

Endrin breakdown in the Breakdown Standard was 26%. Recoveries for two of the nine compounds in the Spiked Sample were outside of their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV

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Sample No. AD24214

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

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524.2	Benzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV

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524.2	P & M-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.07 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV

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Submitted 10/3/2001 AT 11:09:00

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Sample No. AD24214

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.82	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/1/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Stat charge for VOLATILE organic	Completed	10/3/2001	12:04 AM SV
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Dr. Ian Hurley

Received KM

Bottle C9357,K6468,6715,3022,P9641,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 58

ID of Source:

Collection 10/2/2001 AT 9:47:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24215

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/9/2001	PAD

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Collected By: TIGLAO/VASSILE

Comment:

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EPA94	Manganese	21	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

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EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.2	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	14	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/3/2001	SV

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Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 58

ID of Source:

Collection 10/2/2001 AT 9:47:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24215

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/20/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9357,K6468,6715,3022,P9641,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 58

ID of Source:

Collection 10/2/2001 AT 9:47:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24215

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/20/2001

Environmental Laboratories

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Original 11/20/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9357,K6468,6715,3022,P9641,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 58

ID of Source:

Collection 10/2/2001 AT 9:47:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24215

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.07 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/20/2001

Environmental Laboratories

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Original 11/20/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9357,K6468,6715,3022,P9641,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 58

ID of Source:

Collection 10/2/2001 AT 9:47:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24215

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/6/2001	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.

Stat charge for VOLATILE organic	Completed	10/3/2001	12:04 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/20/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample BRONX

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	7400	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	iron	26	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	590	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample BRONX

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1800	ug/L	1000.0	10/12/2001	PAD
EPA94	Manganese	30	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	9900	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

Approved Pam Dilisizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample BRONX

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.6	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	26	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

emailed

Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample BRONX

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample BRONX

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.08 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9306,376,5,378,9578,9577,958

Collected By: TSUI

Comment:

Sample 10250

ID of Source:

Collection 10/2/2001 AT 9:30:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24216

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/6/2001	DLV
-------------------------	---	------	-----------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer reveals the presence of the following compounds with estimated levels:

bis(2-Ethylhexyl)phthalate - 0.27 ug/L

Benzo(b)fluoranthene - 0.31 ug/L

Benzo(k)fluoranthene - 0.45 ug/L

Indeno(1,2,3-cd)pyrene - 0.46 ug/L

Dibenz(a,h)anthracene - 0.54

Benzo(g,h,i)perylene - 0.44 ug/L

Stat charge for VOLATILE organic

Completed

10/3/2001

12:04 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

emailed

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	52	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/12/2001	PAD
EPA94	Manganese	36	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.2	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	24	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P & M-xylene	1.1	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

Environmental Laboratories

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Original 11/23/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	0.81	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	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	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

Environmental Laboratories

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Original 11/23/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received KM

Bottle C9753,47,289,56,351,138,294,67

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 20350 (NYC DEP)

ID of Source:

Collection 10/2/2001 AT 10:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24217

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.78	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/6/2001	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. However, 1,2-Dichlorobenzene-d4 is present at 0.30 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods.

Stat charge for VOLATILE organic	Completed	10/3/2001	12:04 AM SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/23/2001

Environmental Laboratories

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Original 11/23/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	6800	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	26	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	640	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilisizian

QA Officer

Date Approved: 12/20/2001

Environmental Laboratories

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Original 12/20/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1600	ug/L	1000.0	10/12/2001	PAD
EPA94	Manganese	28	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	9100	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

Approved Pam Dilisizian

QA Officer

Date Approved: 12/20/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.5	ug/L	0.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	27	ug/L	0.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/3/2001	SV

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Distribution Laboratory

96-05 Horace Harding Ex.

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Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/20/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC .

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

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

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QA Officer

Date Approved: 12/20/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

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

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.08 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/20/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9982,K7654,4472,6890,315,163

Collected By: BROWN

Comment:

Sample MANHATTAN

Sample 39650

ID of Source:

Collection 10/2/2001 AT 9:45:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24218

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.74	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/6/2001	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. However, 1,2-Dichlorobenzene-d4 is present at 0.28 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods. Also present are some siloxanes associated with column bleed.

Stat charge for VOLATILE organic

Completed

10/3/2001

12:04 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/20/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	27	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	500	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/12/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	7600	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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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 KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	32	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

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REPORT OF ANALYSIS

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

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.07 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/15/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/15/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/15/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/15/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/15/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/15/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/15/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle C9979,K6673,5749,5364,132,130

Collected By: AHMAD

Comment:

Sample QUEENS

Sample 42350

ID of Source:

Collection 10/2/2001 AT 10:50:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24219

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/15/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. This is probably due to laboratory contamination.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/6/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds. However, 1,2-Dichlorobenzene-d4 is present at 0.27 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods. Also present are some siloxanes associated with column bleed.

Stat charge for VOLATILE organic	Completed	10/3/2001	12:04 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/12/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/4/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/12/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/12/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	10/12/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/12/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/12/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/12/2001	PAD
EPA94	Iron	39	ug/L	20.0	10/12/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/4/2001	PAD
SM18	Potassium	540	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/12/2001	PAD
EPA94	Manganese	24	ug/L	20.0	10/12/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/12/2001	PAD
EPA94	Sodium	7300	ug/L	1000.0	10/12/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/12/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/10/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/5/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/9/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/5/2001	PAD
	Stat charge for HG TEST	Completed			10/5/2001 3:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/11/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/12/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

Environmental Laboratories

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Original 11/26/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/12/2001	PAD
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/10/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/10/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/10/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/10/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/10/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/10/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/10/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/10/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/10/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/10/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/10/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 22%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.4	ug/L	.5	10/3/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/3/2001	SV
524.2	*THM-Chloroform	27	ug/L	.5	10/3/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/3/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

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Original 11/26/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

Environmental Laboratories

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Original 11/26/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

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

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/3/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/3/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/3/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/3/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

Environmental Laboratories

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Original 11/26/2001

NYS ELAP # 10108

Page 5 of 6

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle 9988,4311,7134,6737,290,0151,0

Collected By: DESSOURCES/JOK

Comment:

Sample STATEN ISLAND

Sample 52550

ID of Source:

Collection 10/2/2001 AT 11:40:00

Submitted 10/3/2001 AT 11:09:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24220

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/3/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/3/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/3/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/3/2001	SV

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

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/6/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds. However, 1,2-Dichlorobenzene-d4 is present at 0.29 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods. The 525.2 analysis was cancelled due to poor Internal Standard recovery for this sample. However a review of the 525.2 analysis data clearly indicates that target analyte concentrations are below the method's MDLs.

Stat charge for VOLATILE organic

Completed

10/3/2001

12:04 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/26/2001

Environmental Laboratories

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Original 11/26/2001

NYS ELAP # 10108

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