

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 c67,k4360,7416,7788,8737,8776,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample 3

ID of Source:

Collection 9/27/2001 AT 10:14:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23717

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	21	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/3/2001	PAD

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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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese	22	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	7600	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 8:35 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

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EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	25	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

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524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

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524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/7/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/7/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/7/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/7/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/7/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/7/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/7/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/7/2001	DLV
	bis(2-Ethylhexyl)phthalate	2.2	ug/L	0.60	10/7/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/7/2001	DLV

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Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

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Sample No. AD23717

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/7/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/7/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/7/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/7/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/7/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/7/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/7/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/7/2001	DLV

Recoveries for four of the eighteen compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for four and three of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample respectively, were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.87 ug/L. The level of 2.2 ug/L in this sample may be due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/17/2001	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	9/28/2001	1:36 PM	SV
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Received KM

Bottle c68,k6416,7386,6378,8771,8704,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/27/2001 AT 9:55:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23718

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5400	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	490	ug/L	100.0	10/3/2001	PAD

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EPA94	Manganese	21	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 8:55 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

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	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.4	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	15	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

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Dr. Ian Hurley

Received KM

Bottle c68,k6416,7386,6378,8771,8704,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/27/2001 AT 9:55:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23718

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethyibenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c68,k6416,7386,6378,8771,8704,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/27/2001 AT 9:55:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23718

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

emailed

Original 11/5/2001

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 c68,k6416,7386,6378,8771,8704,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/27/2001 AT 9:55:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23718

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.6	ug/L	0.60	10/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV

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QA Officer

Date Approved: 11/5/2001

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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 c68,k6416,7386,6378,8771,8704,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW RESERVOIR

Sample BX 58

ID of Source:

Collection 9/27/2001 AT 9:55:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23718

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was below its acceptance range. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/17/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, reveals the presence of Diethylphthalate at an estimated level of 4.5 ug/L.

Stat charge for VOLATILE organic	Completed	9/28/2001	1:36 PM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c61,k7276,6097,6178,8783,8722,

Collected By: BROWN

Comment:

Sample BRONX

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	26	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	500	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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Original 11/5/2001

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 c61,k7276,6097,6178,8783,8722,

Collected By: BROWN

Comment:

Sample BRONX

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 8:56 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

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

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Received KM
Bottle c61,k7276,6097,6178,8783,8722,
Collected By: BROWN
Comment:

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.2	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	27	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

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 c61,k7276,6097,6178,8783,8722,

Collected By: BROWN

Comment:

Sample BRONX

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

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 c61,k7276,6097,6178,8783,8722,

Collected By: BROWN

Comment:

Sample BRONX

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

emailed

Original 11/5/2001

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 c61,k7276,6097,6178,8783,8722,

Collected By: BROWN

Comment:

Sample BRONX

Sample 11750 DEP LAB #29183

ID of Source:

Collection 9/26/2001 AT 11:21:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.06 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c61,k7276,6097,6178,8783,8722,
Collected By: BROWN
Comment:

Sample BRONX

Sample 11750 DEP LAB #29183
ID of Source:
Collection 9/26/2001 AT 11:21:00
Submitted 9/27/2001 AT 11:16:00
Sample Type: POT_DW
PWS No.: Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23719

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds . ug/L 10/17/2001 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 9/27/2001 12:06 AM SV

Approved Pam Dilsizian QA Officer

Date Approved: 11/5/2001

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 c64,k6517,6414,6770,8782,8782,

Collected By: TSUI

Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197

ID of Source:

Collection 9/26/2001 AT 8:47:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5200	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	24	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	470	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c64,k6517,6414,6770,8782,8782,

Collected By: TSUI

Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197

ID of Source:

Collection 9/26/2001 AT 8:47:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1000	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese	23	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	6400	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 8:59 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c64,k6517,6414,6770,8782,8782,
 Collected By: TSUI
 Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197
 ID of Source:
 Collection 9/26/2001 AT 8:47:00
 Submitted 9/27/2001 AT 11:16:00
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.9	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	21	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c64,k6517,6414,6770,8782,8782,

Collected By: TSUI

Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197

ID of Source:

Collection 9/26/2001 AT 8:47:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c64,k6517,6414,6770,8782,8782,

Collected By: TSUI

Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197

ID of Source:

Collection 9/26/2001 AT 8:47:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c64,k6517,6414,6770,8782,8782,
 Collected By: TSUI
 Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197
 ID of Source:
 Collection 9/26/2001 AT 8:47:00
 Submitted 9/27/2001 AT 11:16:00
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	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	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	0.85	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

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 c64,k6517,6414,6770,8782,8782,

Collected By: TSUI

Comment:

Sample BROOKLYN

Sample 21550 DEP LAB #29197

ID of Source:

Collection 9/26/2001 AT 8:47:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23720

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	54	ug/L	0.60	10/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76 ug/L. The result of 54 ug/L for this sample may be due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/17/2001	DLV
-------------------------	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, reveals the tentative presence of d-Limonene at an estimated level of 0.9 ug/L.

Stat charge for VOLATILE organic	Completed	9/27/2001	12:06 AM SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

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 c66,k7950,7651,7423,8794,8788,

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206

ID of Source:

Collection 9/26/2001 AT 12:16:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	22	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	590	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 c66,k7950,7651,7423,8794,8788,
 Collected By: GERTSIK
 Comment:

Sample MANHATTAN

 Sample 32350 DEP LAB #29206
 ID of Source:
 Collection 9/26/2001 AT 12:16:00
 Submitted 9/27/2001 AT 11:16:00
 Sample Type: POT_DW
 PWS No.: Source Code:

 Type Descriptor:
 Sample chilled on arrival? : YES

Report

		Sample No.	AD23721				
Method	Test Description		Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium		1400	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese		< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum		< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium		8300	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel		< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead		5.3	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion		Completed			10/1/2001	PAD
SM18	Antimony		< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium		< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin		< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST		Completed			10/2/2001 9:01 AM	PAD
SM18	Titanium		< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium		< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium		< MDL	ug/L	20.0	10/2/2001	PAD

Approved Pam Dilsizian QA Officer

Date Approved: 11/5/2001

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 c66,k7950,7651,7423,8794,8788,

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206

ID of Source:

Collection 9/26/2001 AT 12:16:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.9	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	28	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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 KM
 Bottle c66,k7950,7651,7423,8794,8788,
 Collected By: GERTSIK
 Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206
 ID of Source:
 Collection 9/26/2001 AT 12:16:00
 Submitted 9/27/2001 AT 11:16:00
 Sample Type: POT_DW
 PWS No.: Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian QA Officer

Date Approved: 11/5/2001

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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 c66,k7950,7651,7423,8794,8788,

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206

ID of Source:

Collection 9/26/2001 AT 12:16:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c66,k7950,7651,7423,8794,8788,

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206

ID of Source:

Collection 9/26/2001 AT 12:16:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	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	10/9/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c66,k7950,7651,7423,8794,8788,

Collected By: GERTSIK

Comment:

Sample MANHATTAN

Sample 32350 DEP LAB #29206

ID of Source:

Collection 9/26/2001 AT 12:16:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23721

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	210	ug/L	0.60	10/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76 ug/L. The result of 210 ug/L for this sample may be due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/17/2001	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	9/27/2001	12:06 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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 c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	iron	22	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	480	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

Environmental Laboratories

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Original 11/1/2001

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 c83,k6618,7645,7627,8795,8787,
Collected By: PATEL
Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230
ID of Source:
Collection 9/26/2001 AT 11:00:00
Submitted 9/27/2001 AT 11:16:00
Sample Type: POT_DW
PWS No.: Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	7300	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 9:03 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

Environmental Laboratories

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Original 11/1/2001

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 c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%. The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.8	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	3.4	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

Environmental Laboratories

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Original 11/1/2001

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 c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

Environmental Laboratories

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Original 11/1/2001

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 c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV

Approved Pam Dilsizian

QA Officer

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received KM

Bottle c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/10/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/10/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/10/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/10/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/10/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/10/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/10/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/10/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.95	ug/L	0.60	10/10/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

Environmental Laboratories

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Original 11/1/2001

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 c83,k6618,7645,7627,8795,8787,

Collected By: PATEL

Comment:

Sample STATEN ISLAND

Sample 55450 DEP LAB #29230

ID of Source:

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

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD23722

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/10/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/10/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/10/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/10/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/10/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/10/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/10/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/10/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/10/2001	DLV

The recoveries for three of the eighteen compounds in the LCS Standard were outside of their acceptance ranges. The level of bis(2-Ethylhexyl)phthalate was 1.4 ug/L in the Laboratory Blank.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

10/17/2001

DLV

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/1/2001

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Original 11/1/2001

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 c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/2/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/28/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/2/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/2/2001	PAD
EPA94	Calcium	5400	ug/L	1000.0	10/2/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/2/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/2/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/2/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/27/2001	PAD
SM18	Potassium	470	ug/L	100.0	10/3/2001	PAD

Approved Pam Dilsizian

QA Officer

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REPORT OF ANALYSIS

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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 c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1000	ug/L	1000.0	10/2/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/2/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/2/2001	PAD
EPA94	Sodium	6600	ug/L	1000.0	10/2/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/2/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/1/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/28/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/1/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			10/2/2001 9:05 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/2/2001	PAD

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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 c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/2/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/28/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/28/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/28/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/28/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/28/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/28/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/28/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/28/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/28/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/28/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/28/2001	DLV

The measurement for Endrin breakdown in Batch 9/28/01 508 was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.1	ug/L	.5	9/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/27/2001	SV
524.2	*THM-Chloroform	24	ug/L	.5	9/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV

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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

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Bottle c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

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Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/27/2001	SV

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Original 11/5/2001

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 c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/27/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/27/2001	SV

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QA Officer

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Dr. Ian Hurley

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Bottle c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/27/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/9/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/9/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/9/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/9/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/9/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/9/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/9/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.67	ug/L	0.60	10/9/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/9/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

emailed

Original 11/5/2001

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 c65,k7756,8716,8775,8691,8718,

Collected By: TSUI

Comment:

Sample QUEENS

Sample 77550 DEP LAB #29235

ID of Source:

Collection 9/26/2001 AT 10:58:00

Submitted 9/27/2001 AT 11:16:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23723

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/9/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/9/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/9/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/9/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/9/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/9/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/9/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/9/2001	DLV

Recoveries for three of the eighteen compounds in the MDL Standard and the LCS Standard were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample and the Spiked Duplicate Sample were outside of their acceptance ranges. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.76 ug/L

GCMS Scan For Unknowns

Other unknown compounds

ug/L

10/17/2001

DLV

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

emailed

Original 11/5/2001

NYS ELAP # 10108

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