

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9176,q9930,53,8738,p301,382,2

Collected By: TIGLAO/MOHAN

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 10/11/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5400	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	28	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	570	ug/L	100.0	10/31/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/24/2001

Environmental Laboratories

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NYS ELAP # 10108

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PWS No.:

Source Code:

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Sample chilled on arrival? : YES

Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	21	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

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Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	3.7	ug/L	0.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	24	ug/L	0.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV

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Collected By: TIGLAO/MOHAN

Comment:

Sample HILLVIEW

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Collection 10/11/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV

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Collected By: TIGLAO/MOHAN

Comment:

Sample HILLVIEW

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Collection 10/11/2001 AT

Submitted 10/11/2001 AT

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PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
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Collected By: TIGLAO/MOHAN

Comment:

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Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

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Sample chilled on arrival? : YES

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Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.2	ug/L	0.60	10/23/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges. The EPA 508 analysis was cancelled due to poor Surrogate Standard recovery for the 508 test. However results indicate that no 508 target analytes are present.

Approved Pam Dilsizian

QA Officer

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 Collected By: TIGLAO/MOHAN
 Comment:

Sample HILLVIEW

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 Collection 10/11/2001 AT
 Submitted 10/11/2001 AT
 Sample Type: POT_DW
 PWS No.: Source Code:

 Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD24872

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
GCMS Scan For Unknowns	Other unknown compounds	.	ug/L		11/19/2001	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

Environmental Laboratories

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Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample BROOKLYN

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	6900	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	37	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	680	ug/L	100.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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Corona N.Y. 11368
Dr. Ian Hurley

Received LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample BROOKLYN

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1700	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	30	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	9300	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

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Sample BROOKLYN

Sample 20950

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Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Received LK
Bottle c9037,q9921,9923,9924,p9920,9
Collected By: DESSOURCES
Comment:

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 24%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.8	ug/L	.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	25	ug/L	.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/12/2001	SV

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Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample BROOKLYN

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample BROOKLYN

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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

Sample BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.04 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	0.61	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9037,q9921,9923,9924,p9920,9

Collected By: DESSOURCES

Comment:

Sample BROOKLYN

Sample 20950

ID of Source:

Collection 10/10/2001 AT 8:47:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24873

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 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	11/19/2001	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: 11/28/2001

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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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5400	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	28	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/22/2001	PAD

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Date Approved: 11/28/2001

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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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	6700	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 24%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.1	ug/L	.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	11	ug/L	.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival?: YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.02 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0264,q9021,8856,9970,p9005,0

Collected By: TIGLAO/

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/10/2001 AT 9:35:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24874

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/19/2001	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: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	28	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	530	ug/L	100.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	6900	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 24%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.4	ug/L	.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	18	ug/L	.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9954,q9887,9886,9889,p9884,9

Collected By: GERTSIK/HOYT

Comment:

Sample QUEENS

Sample 45750

ID of Source:

Collection 10/10/2001 AT 9:57:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24875

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/19/2001	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: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

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 LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	26	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	550	ug/L	100.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

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 LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

NYS ELAP # 10108

Page 2 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV
The breakdown for Endrin in the Breakdown Standard was 24%.						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	2.7	ug/L	.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	17	ug/L	.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	2.5	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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Original 11/28/2001

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 LK

Bottle c9671,q9804,1624,9809,p9755,9

Collected By: BOLTON

Comment:

Sample BRONX

Sample 10750

ID of Source:

Collection 10/10/2001 AT 8:43:00

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24876

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

The result for bis(2-Ethylhexyl)phthalate of 2.5 ug/L for this sample is below the NYSDOH MCL value of 6.0 ug/L. Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/19/2001	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: 11/28/2001

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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 LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample STATEN ISLAND

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	26	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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

Sample STATEN ISLAND

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	20	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/18/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

Approved Pam Dilsizian

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Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample STATEN ISLAND

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 24%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.5	ug/L	.5	10/15/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/15/2001	SV
524.2	*THM-Chloroform	24	ug/L	.5	10/15/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/15/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/15/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample STATEN ISLAND

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/15/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/15/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/15/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/15/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/15/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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Original 11/28/2001

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 LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample STATEN ISLAND

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/15/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/15/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/15/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/15/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/15/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/15/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/15/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/15/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/15/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 STATEN ISLAND

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

Dr. Ian Hurley

Received LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/15/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/15/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/15/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/15/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/15/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/15/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.03 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c9694,q9706,9705,9738,p9734,9

Collected By: KAGZI

Comment:

Sample STATEN ISLAND

Sample 50250

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24877

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and Spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/19/2001	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: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/22/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/22/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/22/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	10/22/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/22/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/22/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Iron	42	ug/L	20.0	10/22/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/12/2001	PAD
SM18	Potassium	530	ug/L	100.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/22/2001	PAD
EPA94	Manganese	22	ug/L	20.0	10/22/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/22/2001	PAD
EPA94	Sodium	7700	ug/L	1000.0	10/22/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/22/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/17/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/12/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/15/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/12/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/18/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/22/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/22/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/17/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/17/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/17/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/17/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/17/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/17/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/17/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/17/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/17/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/17/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/17/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 24%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.9	ug/L	.5	10/12/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/12/2001	SV
524.2	*THM-Chloroform	25	ug/L	.5	10/12/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/12/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/12/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/12/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/12/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/12/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/12/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/12/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/28/2001

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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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/12/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/12/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/12/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/12/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.04 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/23/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/23/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/23/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/23/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/23/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/23/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/23/2001	DLV
bis(2-Ethylhexyl)phthalate	0.96	ug/L	0.60	10/23/2001	DLV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/28/2001

Environmental Laboratories

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Original 11/28/2001

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 LK

Bottle c0239,q8746,9928,9926,p9925,9

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 31750

ID of Source:

Collection 10/10/2001 AT

Submitted 10/11/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD24878

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/23/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/23/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/23/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/23/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/23/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/23/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/23/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/23/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/23/2001	DLV

Recoveries for 7 of the 18 compounds in the MDL Standard were outside of their acceptance ranges, with no recovery for Benzo(a)pyrene, probably due to contamination showing in its chromatographic region. Recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the Spiked Sample and spiked Duplicate Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/19/2001	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: 11/28/2001

Environmental Laboratories

emailed

Original 11/28/2001

NYS ELAP # 10108

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