

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle k3675,3394,6801,p9714,9718,q9

Collected By: PATEL/ODONISOK

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 10/5/2001 AT 10:00:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24395

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	520	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 12/20/2001

Environmental Laboratories

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NYS ELAP # 10108

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EPA94	Magnesium	1200	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7800	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:17 AM	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	10/15/2001	PAD

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EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.8	ug/L	0.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	27	ug/L	0.5	10/5/2001	SV

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

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524.2	4-chlorotoluene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	10/5/2001	SV

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524.2	O-xylene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	10/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	10/5/2001	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard and 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/7/2001	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.

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Dr. Ian Hurley

Received EP

Bottle k6468,6711,7508,p9680,9667,96

Collected By: PATEL/ODONISOK

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/5/2001 AT 9:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

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EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	5700	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	21	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/9/2001	PAD

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EPA94	Manganese	22	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/23/2001 2:42 PM	ADB
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	10/15/2001	PAD

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	4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
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	Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range. The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.5	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	16	ug/L	.5	10/5/2001	SV

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Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24396

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

Approved Pam Dilsizian

QA Officer

Date Approved: 12/4/2001

Environmental Laboratories

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Original 12/4/2001

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 EP

Bottle k6468,6711,7508,p9680,9667,96

Collected By: PATEL/ODONISOK

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/5/2001 AT 9:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24396

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	13	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/4/2001

Environmental Laboratories

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Original 12/4/2001

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 EP

Bottle k6468,6711,7508,p9680,9667,96

Collected By: PATEL/ODONISOK

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/5/2001 AT 9:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24396

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

THIS SAMPLE WAS ANALYZED IN DUPLICATE TO CONFIRM THE PRESENCE OF MTBE. MTBE WAS FOUND IN THE DUPLICATE AT 17 ug/L. THE FIELD BLANKS AND LAB BLANKS ANALYZED WITH THIS SAMPLE DID NOT CONTAIN MTBE.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 12/4/2001

Environmental Laboratories

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Original 12/4/2001

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 HILLVIEW

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle k6468,6711,7508,p9680,9667,96

Collected By: PATEL/ODONISOK

Comment:

Sample 58

ID of Source:

Collection 10/5/2001 AT 9:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24396

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard and 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/7/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/4/2001

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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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	26	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	37	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	480	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	26	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:45 AM	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	10/15/2001	PAD

Approved Pam Dilisizian

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Date Approved: 11/29/2001

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Original 11/29/2001

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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range. The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.1	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	21	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	5.7	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

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

THIS SAMPLE WAS ANALYZED IN DUPLICATE TO CONFIRM THE PRESENCE OF MTBE. MTBE WAS FOUND IN THE DUPLICATE AT 21 ug/L. THE FIELD BLANKS AND LAB BLANKS ANALYZED WITH THIS SAMPLE DID NOT CONTAIN MTBE.

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	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9686,9690,9666,9756,9665,9756,

Collected By: KAGZI

Comment:

Sample BRONX

Sample 10550

ID of Source:

Collection 10/4/2001 AT 9:22:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24397

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard and 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/5/2001	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: 11/29/2001

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 EP
Bottle 6806,5773,7079,9803,9674,9671,
Collected By: GERTSIK
Comment:

Sample BROOKLYN

Sample 25350
ID of Source:
Collection 10/4/2001 AT 12:35:00
Submitted 10/5/2001 AT 10:46:00
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
 Sample chilled on arrival? : yes

Report

Sample No. AD24398

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	6200	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	22	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	510	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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 EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	24	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7700	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:47 AM	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	10/15/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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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

Sample BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range. The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.3	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	27	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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Original 11/29/2001

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 BROOKLYN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	3.5	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 BROOKLYN

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

Dr. Ian Hurley

Received EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

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

THIS SAMPLE WAS ANALYZED IN TRIPLICATE TO CONFIRM THE PRESENCE OF MTBE. MTBE WAS FOUND IN THE DUPLICATE AT 22 ug/L, HOWEVER, IT WAS NOT FOUND IN THE TRIPLICATE. THE FIELD BLANKS AND LAB BLANKS ANALYZED WITH THIS SAMPLE DID NOT CONTAIN MTBE.

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 6806,5773,7079,9803,9674,9671,

Collected By: GERTSIK

Comment:

Sample BROOKLYN

Sample 25350

ID of Source:

Collection 10/4/2001 AT 12:35:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24398

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

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

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/5/2001	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: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	500	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

emailed

Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	24	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	8000	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:50 AM	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	10/15/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range. The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	27	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

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

Approved Pam Dilisizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	14	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample MANHATTAN

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

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

THIS SAMPLE WAS ANALYZED IN DUPLICATE TO CONFIRM THE PRESENCE OF MTBE. MTBE WAS FOUND IN THE DUPLICATE AT 16 ug/L. THE FIELD BLANKS AND LAB BLANKS ANALYZED WITH THIS SAMPLE DID NOT CONTAIN MTBE.

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	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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Original 11/29/2001

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 MANHATTAN

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 9847,8866,9697,224,238,7036,50

Collected By: AHMAD

Comment:

Sample 35050

ID of Source:

Collection 10/4/2001 AT 1:23:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24399

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

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

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/5/2001	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: 11/29/2001

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Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample QUEENS

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	24	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	530	ug/L	100.0	10/9/2001	PAD

Approved Pam Diisizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample QUEENS

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1200	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	30	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:53 AM	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	10/15/2001	PAD

Approved Pam Diisizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	0.59	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	19	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

NYS ELAP # 10108

Page 3 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample QUEENS

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

emailed

Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample QUEENS

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	O-xylene	< MDL	ug/L	.5	10/5/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/5/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/5/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/5/2001	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	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9576,9523,7451,7585,9524,9543,

Collected By: SACKETT

Comment:

Sample QUEENS

Sample 43150

ID of Source:

Collection 10/4/2001 AT 9:28:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24400

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.65	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

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

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/5/2001	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.

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

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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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/15/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/9/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/15/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/15/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	10/15/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/15/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/15/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Iron	21	ug/L	20.0	10/15/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/5/2001	PAD
SM18	Potassium	490	ug/L	100.0	10/9/2001	PAD

Approved Pam Dilisizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	10/15/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/15/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/15/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/15/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/15/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/10/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/11/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/10/2001	PAD
SM18	Selenium	< MDL	ug/L	2	10/11/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/12/2001	PAD
	Stat charge for HG TEST	Completed			10/15/2001 8:57 AM	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	10/15/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	10/15/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/11/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/11/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/11/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/11/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/11/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/11/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/11/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/11/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/11/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/11/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/11/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 23%. The recovery for Chlordane in the LCS Standard was above its acceptance range. Recoveries for 7 of the 9 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	3.6	ug/L	.5	10/5/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/5/2001	SV
524.2	*THM-Chloroform	33	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

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

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/5/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/5/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/5/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/5/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/5/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

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

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/16/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/16/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/16/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/16/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/16/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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 EP

Bottle 9516,4312,4602,4521,9691,9689,

Collected By: DESSOURCES

Comment:

Sample STATEN ISLAND

Sample 52050

ID of Source:

Collection 10/4/2001 AT 10:08:00

Submitted 10/5/2001 AT 10:46:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD24401

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/16/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/16/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.88	ug/L	0.60	10/16/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/16/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/16/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/16/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/16/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/16/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/16/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/16/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/16/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/16/2001	DLV

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

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/5/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of a hydrocarbon mixture, probably from an oil related substance. This substance could be in the sample or could have been from a contaminated sample bottle. No other sample so far has been observed to contain a similar substance. No other analysis performed has revealed a similar substance, thus there is no indication of laboratory contamination at this time.

Approved Pam Dilsizian

QA Officer

Date Approved: 11/29/2001

Environmental Laboratories

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Original 11/29/2001

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