

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 C0337,Q9310,9308,9318,9304,9

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 3

ID of Source:

Collection 10/18/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25599

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	21	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	540	ug/L	100.0	10/31/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

Environmental Laboratories

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NYS ELAP # 10108

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EPA94	Magnesium	1300	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	23	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	7400	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/9/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	4.6	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	27	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

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524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

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524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

The recovery of surrogate 1,2-dichloroethane-D4 is 2% above the UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/29/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/29/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/29/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/29/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/29/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/29/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/29/2001	DLV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/29/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/29/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/29/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/29/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/29/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/29/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/29/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/29/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/29/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

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

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Dr. Ian Hurley

Received LK

Bottle C0323,Q9230,9246,9228,P9353,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/18/2001 AT 9:46:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25600

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	20	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	550	ug/L	100.0	10/31/2001	PAD

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EPA94	Magnesium	1300	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	22	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	7100	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

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Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	3.3	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	18	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0323,Q9230,9246,9228,P9353,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/18/2001 AT 9:46:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25600

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

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Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0323,Q9230,9246,9228,P9353,
Collected By: TIGLAO/VASSILE
Comment:

Sample HILLVIEW

Sample 58
ID of Source:
Collection 10/18/2001 AT 9:46:00
Submitted 10/18/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD25600

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

The recovery of surrogate 1,2-dichloroethane-D4 is 1% above the UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/29/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/29/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/29/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/29/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/29/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/29/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/29/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0323,Q9230,9246,9228,P9353,

Collected By: TIGLAO/VASSILE

Comment:

Sample HILLVIEW

Sample 58

ID of Source:

Collection 10/18/2001 AT 9:46:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25600

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/29/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/29/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/29/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/29/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/29/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/29/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/29/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/29/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/29/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/28/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample BRONX

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	22	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	540	ug/L	100.0	10/31/2001	PAD

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Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample BRONX

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	6800	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample BRONX

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	2.7	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	14	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV

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Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample BRONX

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample BRONX

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

The recovery of surrogate 1,2-dichloroethane-D4 is 4% above the UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/29/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/29/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/29/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/29/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/29/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/29/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/29/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0311,Q182,188,9208,P9177,91

Collected By: AHMAD

Comment:

Sample 17250

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25601

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	0.85	ug/L	0.60	10/29/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/29/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/29/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/29/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/29/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/29/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/29/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/29/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/29/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/29/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL Standard were outside of their acceptance ranges. Recoveries for 2 of the 18 compounds in the LCS Standard were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/28/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	7000	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	29	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	630	ug/L	100.0	10/31/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1600	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	23	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	8300	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	5.0	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	29	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/31/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/31/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/31/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/31/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/31/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/31/2001	DLV
bis(2-Ethylhexyl)phthalate	2.5	ug/L	0.60	10/31/2001	DLV
Butachlor	< MDL	ug/L	0.40	10/31/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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 C0329,Q9255,9265,9263,P9295P

Collected By: VASSILEV

Comment:

Sample BROOKLYN

Sample 21650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25602

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/31/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/31/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/31/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/31/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/31/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/31/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/31/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/31/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The result for bis(2-Ethylhexyl)phthalate of 2.5 ug/L could be due to collection or laboratory contamination. This value is below the NYSDOH MCL.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	11/28/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	8300	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	29	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	730	ug/L	100.0	10/31/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	2100	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	23	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	10000	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	6.0	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	34	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

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Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

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Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

The recovery of surrogate 1,2-dichloroethane-D4 is 5% above the UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/31/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/31/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/31/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/31/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/31/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/31/2001	DLV
bis(2-Ethylhexyl)phthalate	2.3	ug/L	0.60	10/31/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0336,Q9251,9249,9266,P9272,

Collected By: BOLTOLL

Comment:

Sample MANHATTAN

Sample 31550

ID of Source:

Collection 10/17/2001 AT 9:00:00

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25603

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/31/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/31/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/31/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/31/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/31/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/31/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/31/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/31/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/31/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The result for bis(2-Ethylhexyl)phthalate of 2.3 ug/L could be due to collection or laboratory contamination. This value is below the NYSDOH MCL.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/28/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	55	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	560	ug/L	100.0	10/31/2001	PAD

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	53	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	7000	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

Approved Donna Popp

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Date Approved: 12/7/2001

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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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/27/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	3.7	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	23	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

Environmental Laboratories

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Original 12/7/2001

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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

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

The recovery of surrogate 1,2-dichloroethane-D4 is 6% above the UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/31/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/31/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/31/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/31/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/31/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/31/2001	DLV
bis(2-Ethylhexyl)phthalate	4.8	ug/L	0.60	10/31/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0301,Q8850,9212,0102,P9204,

Collected By: DESSOURCES

Comment:

Sample QUEENS

Sample 43650

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25604

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	10/31/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/31/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/31/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/31/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/31/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/31/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/31/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/31/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/31/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The result for bis(2-Ethylhexyl)phthalate of 4.8 ug/L could be due to collection or laboratory contamination. This value is below the NYSDOH MCL.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/28/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	10/29/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	10/23/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	10/29/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Calcium	6100	ug/L	1000.0	10/29/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	10/29/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	10/29/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	10/29/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	10/19/2001	PAD
SM18	Potassium	540	ug/L	100.0	10/31/2001	PAD

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Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1300	ug/L	1000.0	10/29/2001	PAD
EPA94	Manganese	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/29/2001	PAD
EPA94	Sodium	7500	ug/L	1000.0	10/29/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	10/29/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			10/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/8/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/19/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/25/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/29/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/29/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	10/29/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/29/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/29/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/29/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/29/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/29/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/29/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/29/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/29/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/29/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/29/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/29/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/29/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	4.1	ug/L	.5	10/23/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/23/2001	SV
524.2	*THM-Chloroform	31	ug/L	.5	10/23/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/23/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/23/2001	SV

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Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/23/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/23/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/23/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/23/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/23/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	10/23/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/23/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/23/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/23/2001	SV

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.11 ug/L.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/31/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/31/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/31/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/31/2001	DLV
Atrazine	< MDL	ug/L	0.20	10/31/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/31/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/31/2001	DLV
bis(2-Ethylhexyl)phthalate	2.8	ug/L	0.60	10/31/2001	DLV
Butachlor	< MDL	ug/L	0.40	10/31/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

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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 C0326,Q9244,9243,9252,P9270,

Collected By: SPERANZA

Comment:

Sample STATEN ISLAND

Sample 59050

ID of Source:

Collection 10/17/2001 AT

Submitted 10/18/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD25605

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/31/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/31/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/31/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/31/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/31/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/31/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/31/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/31/2001	DLV

Recoveries for 3 of the 18 compounds in the MDL and LCS Standards were outside of their acceptance ranges.

Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The result for bis(2-Ethylhexyl)phthalate of 2.8 ug/L could be due to collection or laboratory contamination. This value is below the NYSDOH MCL.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	11/29/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 12/7/2001

Environmental Laboratories

emailed

Original 12/7/2001

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