

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C0159,K7421,7429,7545,P9532,

Collected By: WAGNER

Comment:

Sample DEL 18

ID of Source:

Collection 9/29/2001 AT 8:20:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23913

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Beryllium	< MDL	ug/L	2	10/9/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/9/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/9/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/3/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/9/2001	PAD
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/2/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/2/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/2/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/2/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/2/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 1 of 6

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor	< MDL	ug/L	0.020	10/2/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/2/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/2/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/2/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/2/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/2/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/2/2001	DLV

The recovery for Chlordane in the LCS Standard was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/1/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/1/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/1/2001	SV

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Comment:

Sample Type: POT_DW

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Type Descriptor:

Sample chilled on arrival? : YES

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Sample No. AD23913

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/1/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/1/2001	SV

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

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Page 4 of 6

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Comment:

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PWS No.:

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Type Descriptor:

Sample chilled on arrival? : YES

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Trichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/1/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/11/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/11/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/11/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/11/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/11/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/11/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.77	ug/L	0.60	10/11/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/11/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/11/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/11/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/11/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/11/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/11/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/11/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/11/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/11/2001	DLV

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Page 5 of 6

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 ug/L due to a laboratory accident.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		10/23/2001	DLV
A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.						
	Stat charge for VOLATILE organic	Completed			10/1/2001 12:02 AM	SV

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Page 6 of 6

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Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C169,K7534,7341,7498,P9539,9

Collected By: WAGNER

Comment:

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF

ID of Source:

Collection 9/29/2001 AT 7:55:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

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Sample No. AD23914

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Beryllium	< MDL	ug/L	2	10/9/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/9/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/9/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/3/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/9/2001	PAD
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/4/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/4/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/4/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/4/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/4/2001	DLV

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	Heptachlor Epoxide	< MDL	ug/L	0.030	10/4/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/4/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/4/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/4/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/4/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/4/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/1/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/1/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV

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524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/1/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV

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524.2	Dibromomethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/1/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/1/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/1/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/1/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/1/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/1/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/1/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/1/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

Page 4 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample CAT LEFF

Received KM

ID of Source:

Bottle C169,K7534,7341,7498,P9539,9

Collection 9/29/2001 AT 7:55:00

Collected By: WAGNER

Submitted 10/1/2001 AT 8:47:00

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23914

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/1/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/11/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/11/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/11/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/11/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/11/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/11/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.82	ug/L	0.60	10/11/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/11/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/11/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/11/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/11/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/11/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/11/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/11/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/11/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/11/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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Original 11/14/2001

NYS ELAP # 10108

Page 5 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C169,K7534,7341,7498,P9539,9

Collected By: WAGNER

Comment:

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF

ID of Source:

Collection 9/29/2001 AT 7:55:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23914

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/25/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Stat charge for VOLATILE organic	Completed	10/1/2001	12:02 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

Page 6 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Beryllium	< MDL	ug/L	2	10/9/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	10/9/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	10/9/2001	PAD
EPA79	Potable Metals Digestion	Completed			10/3/2001	PAD
SM18	Antimony	< MDL	ug/L	6	10/3/2001	PAD
SM18	Tin	< MDL	ug/L	100	10/3/2001	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	10/3/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	10/9/2001	PAD
<u>Organics</u>						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	10/4/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/4/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/4/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/4/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/4/2001	DLV

Approved Pam Diisizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

Page 1 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor	< MDL	ug/L	0.020	10/4/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/4/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/4/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/4/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/4/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/4/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/4/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	10/1/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	10/1/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	10/1/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

Page 2 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	10/1/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	10/1/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Benzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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Original 11/14/2001

NYS ELAP # 10108

Page 3 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water

465 Columbus Ave.

Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample NYC DEP KENSICO LAB

19 WEST LAKE DRIVE

VALHALLA, N.Y.

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dibromomethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	10/1/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	10/1/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	10/1/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	10/1/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	10/1/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	10/1/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Styrene	< MDL	ug/L	.5	10/1/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Toluene	< MDL	ug/L	.5	10/1/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	10/1/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	10/1/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	10/1/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/14/2001

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NYS ELAP # 10108

Page 4 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	10/1/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	10/1/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/11/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/11/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/11/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/11/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/11/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/11/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/11/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.72	ug/L	0.60	10/11/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/11/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/11/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/11/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/11/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/11/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/11/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/11/2001	DLV
	Simazine	< MDL	ug/L	0.40	10/11/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/11/2001	DLV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

NYS ELAP # 10108

Page 5 of 6

REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
465 Columbus Ave.
Valhalla, NY 10595

Sample NYC DEP KENSICO LAB
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C162,K7302,7712,6681,P9541,9

Collected By: WAGNER

Comment:

Sample CRO GH

ID of Source:

Collection 9/29/2001 AT 1:00:00

Submitted 10/1/2001 AT 8:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23915

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

The recoveries for five of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. Recoveries for two of the eighteen compounds in the Spiked Sample were below their acceptance ranges. The Spiked Duplicate Sample was lost due to a laboratory accident. The level of bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 24 ug/L due to a laboratory accident.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

10/25/2001

DLV

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, only reveals the presence of a single poorly identified compound, 2,6-Diphenyl-4,4-dimethyl-1,4-dihydropyridine-3,5-dicarbonitrile. The remaining baseline rise surrounding this compound is due to Siloxane, or column bleed.

Stat charge for VOLATILE organic

Completed

10/1/2001

12:02 AM SV

Ⓢ

Approved Pam Dilisizian

QA Officer

Date Approved: 11/14/2001

Environmental Laboratories

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Original 11/14/2001

NYS ELAP # 10108

Page 6 of 6