

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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received EP

Bottle C581,P943,932,918,Q813,494,67

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 11/15/2001 AT 7:58:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27984

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	ADB
EPA94	Manganese	26.5	ug/L	1.0	12/14/2001	ADB
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	ADB
EPA94	Calcium	6100	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	26	ug/L	20.0	12/13/2001	PAD
SM18	Potassium	520	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	4100	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/21/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

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NYS ELAP # 10108

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EPA94	Vanadium	< MDL	ug/L	20.0	12/13/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/16/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/16/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/16/2001	SV

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Sample chilled on arrival? : YES

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Sample No. AD27984

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/16/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/16/2001	SV

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PWS No.:

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524.2	Benzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/16/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/16/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/16/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/16/2001	SV

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Submitted 11/15/2001 AT 1:01:00
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524.2	P & M-xylene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/16/2001	SV

ONE OF THREE SURROGATES IS 2% ABOVE THE UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
	Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
	EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

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19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C573,P942,919,921,Q804,489,48

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 11/15/2001 AT 8:23:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27985

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Inorganics						
ICPMS Metals for NEWE						
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EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	ADB
EPA94	Manganese	24.3	ug/L	1.0	12/14/2001	ADB
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EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	28	ug/L	20.0	12/13/2001	PAD
SM18	Potassium	510	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	1300	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	4100	ug/L	1000.0	12/13/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/21/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD

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Collected By: SCOTT

Comment:

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	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/16/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/16/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/16/2001	SV

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Submitted 11/15/2001 AT 1:01:00

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PWS No.:

Source Code: 000

Type Descriptor:

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Report

Sample No. AD27985

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/16/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/16/2001	SV

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Collected By: SCOTT

Comment:

Sample DEL18

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Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27985

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Benzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/16/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/16/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/16/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/16/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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

Attention: Steve Schindler

Received EP

Bottle C573,P942,919,921,Q804,489,48

Collected By: SCOTT

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample DEL18

ID of Source:

Collection 11/15/2001 AT 8:23:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27985

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P & M-xylene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/16/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/16/2001	SV

ONE OF THREE SURROGATES IS 4% ABOVE THE UCL.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received EP
Bottle C573,P942,919,921,Q804,489,48
Collected By: SCOTT
Comment:

Sample DEL18
ID of Source:
Collection 11/15/2001 AT 8:23:00
Submitted 11/15/2001 AT 1:01:00
Sample Type: POT_DW
PWS No.:
Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD27985

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV
	Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
	EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	DLV
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A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
ICPMS Metals for NEWE						
EPA94	Antimony	< MDL	ug/L	0.1	12/14/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2.0	12/14/2001	ADB
EPA94	Manganese	69.3	ug/L	1.0	12/14/2001	ADB
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	ADB
EPA94	Calcium	25000	ug/L	1000.0	12/13/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/13/2001	PAD
EPA94	Iron	77	ug/L	20.0	12/13/2001	PAD
SM18	Potassium	2300	ug/L	100.0	12/19/2001	PAD
EPA94	Magnesium	8400	ug/L	1000.0	12/13/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/13/2001	PAD
EPA94	Sodium	27000	ug/L	1000.0	12/13/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/21/2001	PAD
SM18	Titanium	< MDL	ug/L	100	2/7/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved:

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

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Vanadium	< MDL	ug/L	20.0	12/13/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	11/21/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/21/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/21/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/21/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/21/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/21/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/21/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/21/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/21/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/21/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/21/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/21/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/21/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/21/2001	SV

Approved Pam Dilisizian

QA Officer

Date Approved: 2/8/2002

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

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/21/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/21/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

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Original 2/8/2002

NYS ELAP # 10108

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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 EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, N.Y.

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Benzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/21/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/21/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/21/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/21/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved:

2/8/2002

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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: NYCDEP Bureau Water

465 Columbus Ave.

Valhalla, NY 10595

Attention: Steve Schindler

Received EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, N.Y.

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P & M-xylene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/21/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/21/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	1/29/2002	DLV
	4,4-DDE	< MDL	ug/L	0.80	1/29/2002	DLV
	Acetochlor	< MDL	ug/L	2.0	1/29/2002	DLV
	Alachlor	< MDL	ug/L	0.20	1/29/2002	DLV
	Atrazine	< MDL	ug/L	0.20	1/29/2002	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	1/29/2002	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	1/29/2002	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	1/29/2002	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

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Original 2/8/2002

NYS ELAP # 10108

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C571,P944,936,938,Q814,680,49

Collected By: NEWMAN

Comment:

Sample CROGH

ID of Source:

Collection 11/15/2001 AT 9:40:00

Submitted 11/15/2001 AT 1:01:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27986

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Butachlor	< MDL	ug/L	0.40	1/29/2002	DLV
	EPTC	< MDL	ug/L	1.0	1/29/2002	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	1/29/2002	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	1/29/2002	DLV
	Metolachlor	< MDL	ug/L	0.75	1/29/2002	DLV
	Metribuzin	< MDL	ug/L	0.15	1/29/2002	DLV
	Molinate	< MDL	ug/L	0.90	1/29/2002	DLV
	Simazine	< MDL	ug/L	0.40	1/29/2002	DLV
	Terbacil	< MDL	ug/L	2.0	1/29/2002	DLV

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	see comment	ug/L	1/2/2002	DLV
-------------------------	-------------	------	----------	-----

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

Approved Pam Dilsizian

QA Officer

Date Approved: 2/8/2002

Environmental Laboratories

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Original 2/8/2002

NYS ELAP # 10108

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