

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c118,p2517,1767,q2946,2938,k6

Collected By: SUTTON

Comment:

Sample DEL18

ID of Source:

Collection 02/28/02 AT 7:00:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05031

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	04/01/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	04/01/02	PAD
EPA94	Barium	19.2	ug/L	0.1	04/01/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	04/01/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	04/01/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	04/01/02	PAD
EPA94	Copper	1.5	ug/L	1.0	04/01/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	04/01/02	PAD
EPA94	Manganese	24.0	ug/L	1.0	04/01/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	04/01/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	04/01/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	04/01/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	04/01/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	04/01/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/18/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/18/02	PAD
EPA94	Iron	32	ug/L	20.0	04/18/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/18/02

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EPA94	Molybdenum	< MDL	ug/L	50.0	04/18/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

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524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

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Submitted 03/01/02 AT 2:05:00

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PWS No.:

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/08/02	SV

The recovery of 2-butanone in the CCV was 63%.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	03/29/02	DLV
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The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

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Attention: Steve Schindler

Received EP

Bottle c1493,p2674,2669,q2518,2516,2

Collected By: WAGNER

Comment:

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

Sample CROGH

ID of Source:

Collection 02/28/02 AT 12:05:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05032

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	0.11	ug/L	0.1	03/25/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Barium	29.4	ug/L	0.1	03/25/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/25/02	PAD
EPA94	Chromium	1.4	ug/L	1.0	03/25/02	PAD
EPA94	Copper	1.2	ug/L	1.0	03/25/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Manganese	99.4	ug/L	1.0	03/25/02	PAD
EPA94	Nickel	1.1	ug/L	1.0	03/25/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Zinc	2.7	ug/L	2.0	03/25/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/09/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/09/02	PAD
EPA94	Iron	68	ug/L	20.0	04/09/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

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EPA94	Molybdenum	< MDL	ug/L	50.0	04/09/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

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524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

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524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
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524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
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524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

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<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		03/29/02	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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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 Supply
465 Columbus Ave.
Valhalla, NY 10595

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

Attention: Steve Schindler

Received EP

Bottle c796,p2720,2742,q2917,2905,k5

Collected By: SUTTON

Comment:

Sample CATLEFF

ID of Source:

Collection 02/28/02 AT 6:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05033

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	03/25/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Barium	13.2	ug/L	0.1	03/25/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/25/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Copper	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Manganese	19.7	ug/L	1.0	03/25/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	03/25/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/09/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/09/02	PAD
EPA94	Iron	36	ug/L	20.0	04/09/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c796,p2720,2742,q2917,2905,k5

Collected By: SUTTON

Comment:

Sample CATLEFF

ID of Source:

Collection 02/28/02 AT 6:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05033

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	04/09/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c796,p2720,2742,q2917,2905,k5

Collected By: SUTTON

Comment:

Sample CATLEFF

ID of Source:

Collection 02/28/02 AT 6:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05033

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle c796,p2720,2742,q2917,2905,k5

Collected By: SUTTON

Comment:

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

Sample CATLEFF

ID of Source:

Collection 02/28/02 AT 6:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05033

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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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 Supply
465 Columbus Ave.
Valhalla, NY 10595

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

Attention: Steve Schindler
Received EP

Bottle c796,p2720,2742,q2917,2905,k5

Collected By: SUTTON

Comment:

Sample CATLEFF

ID of Source:

Collection 02/28/02 AT 6:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05033

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/08/02	SV

The recovery of 2-butanone in the CCV was 63%.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	03/29/02	DLV
-------------------------	---	------	----------	-----

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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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 p2512,q2963

Collected By: LAB

Comment:

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

Sample FBW

ID of Source:

Collection 2/28/2002 AT 12:00:00

Submitted 3/1/2002 AT 2:05:00

Sample Type: DI WATER

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AE05034

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/29/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Approved Pam Dilsizian

QA Officer

Date Approved: 4/1/2002

Environmental Laboratories

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Original 4/1/2002

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

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

Attention: Steve Schindler

Received EP

Bottle c1014,p1072,1312,q2942,2943,k

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/01/02 AT 8:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05035

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	03/25/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Barium	14.6	ug/L	0.1	03/25/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/25/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Copper	1.2	ug/L	1.0	03/25/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Manganese	19.7	ug/L	1.0	03/25/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	03/25/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/09/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/09/02	PAD
EPA94	Iron	34	ug/L	20.0	04/09/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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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 Supply
465 Columbus Ave.
Valhalla, NY 10595

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

Attention: Steve Schindler

Received EP

Bottle c1014,p1072,1312,q2942,2943,k

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/01/02 AT 8:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05035

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	04/09/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c1014,p1072,1312,q2942,2943,k

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/01/02 AT 8:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05035

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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

Attention: Steve Schindler

Received EP

Bottle c1014,p1072,1312,q2942,2943,k

Collected By: CURCIO

Comment:

Report

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

Sample DEL18

ID of Source:

Collection 03/01/02 AT 8:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample No. AE05035

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c1014,p1072,1312,q2942,2943,k

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/01/02 AT 8:45:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05035

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/08/02	SV
The recovery of 2-butanone in the CCV was 63%.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		04/05/02	DLV
The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.						

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c993,p2038,1943,q2793,2889,k6

Collected By: CURCIO

Comment:

Sample CROGH

ID of Source:

Collection 03/01/02 AT 9:30:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05036

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	03/25/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Barium	30.8	ug/L	0.1	03/25/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/25/02	PAD
EPA94	Chromium	1.6	ug/L	1.0	03/25/02	PAD
EPA94	Copper	1.3	ug/L	1.0	03/25/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Manganese	63.8	ug/L	1.0	03/25/02	PAD
EPA94	Nickel	1.1	ug/L	1.0	03/25/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	03/25/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/09/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/09/02	PAD
EPA94	Iron	52	ug/L	20.0	04/09/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c993,p2038,1943,q2793,2889,k6

Collected By: CURCIO

Comment:

Sample CROGH

ID of Source:

Collection 03/01/02 AT 9:30:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05036

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	04/09/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received EP

Bottle c993,p2038,1943,q2793,2889,k6

Collected By: CURCIO

Comment:

Sample CROGH

ID of Source:

Collection 03/01/02 AT 9:30:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05036

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c993,p2038,1943,q2793,2889,k6

Collected By: CURCIO

Comment:

Sample CROGH

ID of Source:

Collection 03/01/02 AT 9:30:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05036

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

 Attention: Steve Schindler
Received EP
Bottle c993,p2038,1943,q2793,2889,k6
Collected By: CURCIO
Comment:

Sample NYC DEP
 19 WESTLAKE DRIVE
 VALHALLA, N.Y.
Sample CROGH
ID of Source:
Collection 03/01/02 AT 9:30:00
Submitted 03/01/02 AT 2:05:00
Sample Type: POT_DW
PWS No.:
Source Code: 000
Type Descriptor:

Report

Sample No. AE05036

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/08/02	SV
The recovery of 2-butanone in the CCV was 63%.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		04/05/02	DLV
The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.						

Approved Pam Dilsizian QA Officer

Environmental Laboratories

NYS ELAP # 10108

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received EP

Bottle c650,p2732,2741,q2903,2904,k1

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/01/02 AT 8:15:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05037

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	03/25/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Barium	13.6	ug/L	0.1	03/25/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/25/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Copper	1.0	ug/L	1.0	03/25/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Manganese	19.5	ug/L	1.0	03/25/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/25/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/25/02	PAD
EPA94	Zinc	2.6	ug/L	2.0	03/25/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/09/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/09/02	PAD
EPA94	Iron	32	ug/L	20.0	04/09/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/05/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c650,p2732,2741,q2903,2904,k1

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/01/02 AT 8:15:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05037

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	04/09/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/13/02	PAD
SM18	Tin	< MDL	ug/L	100	03/06/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/08/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/08/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/08/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle c650,p2732,2741,q2903,2904,k1

Collected By: CURCIO

Comment:

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

Sample CATLEFF

ID of Source:

Collection 03/01/02 AT 8:15:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05037

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/08/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/08/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c650,p2732,2741,q2903,2904,k1

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/01/02 AT 8:15:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05037

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/08/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/08/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/08/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/08/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/08/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/08/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/08/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received EP

Bottle c650,p2732,2741,q2903,2904,k1

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/01/02 AT 8:15:00

Submitted 03/01/02 AT 2:05:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE05037

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/08/02	SV
The recovery of 2-butanone in the CCV was 63%.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		04/05/02	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Approved Pam Dilsizian

QA Officer

Date Approved: 04/09/02

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