

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C69,P3278,3281,Q3127,1,K638,

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/11/02 AT 7:40:00

Submitted 03/11/02 AT 3:25:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE06054

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
ICPMS Metals for NEWEL New						
EPA94	Antimony	< MDL	ug/L	0.1	04/03/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Barium	13.8	ug/L	0.1	04/03/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	04/03/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Copper	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Manganese	17.0	ug/L	1.0	04/03/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	04/03/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/16/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/16/02	PAD
EPA94	Iron	29	ug/L	20.0	04/16/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/15/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/16/02

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EPA94	Molybdenum	< MDL	ug/L	50.0	04/16/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/18/02	PAD
SM18	Tin	< MDL	ug/L	100	03/18/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	03/14/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	03/14/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	03/14/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	03/14/02	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	03/14/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	03/14/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	03/14/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	03/14/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Benzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	03/14/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	03/14/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	03/14/02	SV

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QA Officer

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Comment:

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

Sample CATLEFF

ID of Source:

Collection 03/11/02 AT 7:40:00

Submitted 03/11/02 AT 3:25:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE06054

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	03/14/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	03/14/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	03/14/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	03/14/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	03/14/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	03/14/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	03/14/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	03/14/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Styrene	< MDL	ug/L	0.5	03/14/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Toluene	< MDL	ug/L	0.5	03/14/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	03/14/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	03/14/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	03/14/02	SV

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Attention: Steve Schindler

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Bottle C69,P3278,3281,Q3127,1,K638,

Collected By: CURCIO

Comment:

Sample CATLEFF

ID of Source:

Collection 03/11/02 AT 7:40:00

Submitted 03/11/02 AT 3:25:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE06054

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	03/14/02	SV
GCMS Scan For Unknowns						
	Other unknown compounds	.	ug/L		04/11/02	DLV

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

Approved Pam Dilsizian

QA Officer

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

Attention: Steve Schindler

Received EP

Bottle C9791,P3264,3270,Q3074,3073,

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/11/02 AT 8:00:00

Submitted 03/11/02 AT 3:25:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE06055

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
ICPMS Metals for NEWE New						
EPA94	Antimony	< MDL	ug/L	0.1	04/03/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Barium	13.9	ug/L	0.1	04/03/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	04/03/02	PAD
EPA94	Chromium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Copper	1.4	ug/L	1.0	04/03/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Manganese	17.3	ug/L	1.0	04/03/02	PAD
EPA94	Nickel	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Selenium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	04/03/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	04/03/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	04/03/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	04/16/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	04/16/02	PAD
EPA94	Iron	26	ug/L	20.0	04/16/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	03/15/02	PAD

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19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received EP

Bottle C9791,P3264,3270,Q3074,3073,

Collected By: CURCIO

Comment:

Sample DEL18

ID of Source:

Collection 03/11/02 AT 8:00:00

Submitted 03/11/02 AT 3:25:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE06055

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	04/16/02	PAD
EPA'79	Potable Metals Digestion	Completed			03/18/02	PAD
SM18	Tin	< MDL	ug/L	100	03/18/02	PAD

Organics

GCMS Scan For Unknowns

Other unknown compounds

ug/L

04/11/02

DLV

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

VOC COMMENT

Completed

03/27/02 5:16 PM SV

This sample does not appear to have any extraneous peaks. Although the qc associated with it passed, the chromatography of the sample shows a dip in the baseline thereby placing doubt in qualitative and quantitative

Approved Pam Dilisizian

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

Sample FBW

Attention: Steve Schindler
Received EP
Bottle P1049,Q3098
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 03/11/02 AT 12:00:00
Submitted 03/11/02 AT 3:26:00
Sample Type: DI WATER
PWS No.:
Source Code: 000
Type Descriptor:

Report

Sample No. AE06057

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
GCMS Scan For Unknowns						
	Other unknown compounds	.	ug/L		04/11/02	DLV

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

Approved Pam Dilsizian

QA Officer

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