

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1583,P1152,1165,Q1307,1388,

Collected By: WAGNER

Comment:

Sample CATLEFF

ID of Source:

Collection 2/16/2002 AT 8:15:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04024

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/20/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Barium	13.4	ug/L	0.1	3/20/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/20/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Copper	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Manganese	19.4	ug/L	1.0	3/20/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/29/2002	PAD
EPA94	Iron	< MDL	ug/L	20.0	3/29/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/21/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1583,P1152,1165,Q1307,1388,

Collected By: WAGNER

Comment:

Sample CATLEFF

ID of Source:

Collection 2/16/2002 AT 8:15:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04024

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/20/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/26/2002	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	3/1/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	3/1/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received KM

Sample CATLEFF

ID of Source:

Collection 2/16/2002 AT 8:15:00

Bottle C1583,P1152,1165,Q1307,1388,

Submitted 2/19/2002 AT 3:06:00

Collected By: WAGNER

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04024

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	3/1/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1583,P1152,1165,Q1307,1388,

Collected By: WAGNER

Comment:

Sample CATLEFF

ID of Source:

Collection 2/16/2002 AT 8:15:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04024

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample CATLEFF

Attention: Steve Schindler

Received KM

Bottle C1583,P1152,1165,Q1307,1388,

Collected By: WAGNER

Comment:

ID of Source:

Collection 2/16/2002 AT 8:15:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04024

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	3/1/2002	SV

The recovery of 2-butanone in the QC sample was 200%.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

3/15/2002

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1552,P798,1407,Q1311,1407,K

Collected By: WAGNER

Comment: p1407 broken in lab.

Sample DEL18

ID of Source:

Collection 2/16/2002 AT 8:35:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04025

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/20/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Barium	13.7	ug/L	0.1	3/20/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/20/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Copper	1.2	ug/L	1.0	3/20/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Manganese	19.6	ug/L	1.0	3/20/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/29/2002	PAD
EPA94	Iron	< MDL	ug/L	20.0	3/29/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/21/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1552,P798,1407,Q1311,1407,K

Collected By: WAGNER

Comment: p1407 broken in lab.

Sample DEL18

ID of Source:

Collection 2/16/2002 AT 8:35:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04025

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/20/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/26/2002	PAD
Organics						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	3/1/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	3/1/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received KM

Bottle C1552,P798,1407,Q1311,1407,K

Collected By: WAGNER

Comment: p1407 broken in lab.

Sample DEL18

ID of Source:

Collection 2/16/2002 AT 8:35:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04025

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	3/1/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1552,P798,1407,Q1311,1407,K

Collected By: WAGNER

Comment: p1407 broken in lab.

Sample DEL18

ID of Source:

Collection 2/16/2002 AT 8:35:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04025

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

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 C1552,P798,1407,Q1311,1407,K

Collected By: WAGNER

Comment: p1407 broken in lab.

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

Sample DEL18

ID of Source:

Collection 2/16/2002 AT 8:35:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04025

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	3/1/2002	SV

The recovery of 2-butanone in the QC sample was 200%.

GCMS Scan For Unknowns

Other unknown compounds

ug/L

3/15/2002

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1581,P2868,2869,Q1409,2635,

Collected By: WAGNER

Comment:

Sample CROGH

ID of Source:

Collection 2/16/2002 AT 1:20:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04026

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/20/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Barium	29.1	ug/L	0.1	3/20/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/20/2002	PAD
EPA94	Chromium	1.9	ug/L	1.0	3/20/2002	PAD
EPA94	Copper	1.3	ug/L	1.0	3/20/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Manganese	75.3	ug/L	1.0	3/20/2002	PAD
EPA94	Nickel	1.2	ug/L	1.0	3/20/2002	PAD
EPA94	Selenium	1.1	ug/L	1.0	3/20/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/20/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/20/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/29/2002	PAD
EPA94	Iron	49	ug/L	20.0	3/29/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/21/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 1 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1581,P2868,2869,Q1409,2635,

Collected By: WAGNER

Comment:

Sample CROGH

ID of Source:

Collection 2/16/2002 AT 1:20:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival?: YES

Report

Sample No. AE04026

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/29/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/20/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/26/2002	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	3/1/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	3/1/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	3/1/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 2 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1581,P2868,2869,Q1409,2635,

Collected By: WAGNER

Comment:

Sample CROGH

ID of Source:

Collection 2/16/2002 AT 1:20:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04026

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	3/1/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 3 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle C1581,P2868,2869,Q1409,2635,

Collected By: WAGNER

Comment:

Sample CROGH

ID of Source:

Collection 2/16/2002 AT 1:20:00

Submitted 2/19/2002 AT 3:06:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04026

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	3/1/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	3/1/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	3/1/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 4 of 5

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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample CROGH

Received KM

ID of Source:

Bottle C1581,P2868,2869,Q1409,2635,

Collection 2/16/2002 AT 1:20:00

Collected By: WAGNER

Submitted 2/19/2002 AT 3:06:00

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE04026

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	3/1/2002	SV
The recovery of 2-butanone in the QC sample was 200%.						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/15/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/29/2002

Environmental Laboratories

emailed

Original 3/29/2002

NYS ELAP # 10108

Page 5 of 5

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 FBW

Attention: Steve Schindler
Received KM
Bottle P1141,Q1291
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 2/16/2002 AT 12:00:00
Submitted 2/19/2002 AT 3:06:00
Sample Type: POT_DW
PWS No.: **Source Code:** 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AE04027

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/18/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample will be reextracted and reanalyzed due to the low Surrogate Standard recovery. This sample is the Field Blank.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/18/2002

Environmental Laboratories

emailed

Original 3/18/2002

NYS ELAP # 10108

Page 1 of 1