

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 C1490,P2682,2684,Q2557,2571,

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/10/2002 AT 7:39:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03384

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/18/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Barium	12.8	ug/L	0.1	3/18/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/18/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Copper	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Manganese	21.0	ug/L	1.0	3/18/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/18/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/18/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/26/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/26/2002	PAD
EPA94	Iron	36	ug/L	20.0	3/26/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/13/2002	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 C1490,P2682,2684,Q2557,2571,

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/10/2002 AT 7:39:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03384

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/26/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/14/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/25/2002	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	2/17/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	2/17/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	2/17/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	2/17/2002	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 C1490,P2682,2684,Q2557,2571,

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/10/2002 AT 7:39:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03384

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	2/17/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	2/17/2002	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 C1490,P2682,2684,Q2557,2571,

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 2/10/2002 AT 7:39:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03384

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	2/17/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	2/17/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	2/17/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	2/17/2002	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 CATLEFF

Received KM

ID of Source:

Bottle C1490,P2682,2684,Q2557,2571,

Collection 2/10/2002 AT 7:39:00

Collected By: SCOTT

Submitted 2/11/2002 AT 2:43:00

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03384

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	2/17/2002	SV
GCMS Scan For Unknowns						
	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 the compounds in the LCS Standard were high. New limits will be calculated.

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 C1491,P2685,2683,Q2547,2545,

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/10/2002 AT 8:01:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival?: YES

Report

Sample No. AE03385

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	3/19/2002	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	3/19/2002	PAD
EPA94	Barium	13.3	ug/L	0.1	3/19/2002	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	3/19/2002	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	3/19/2002	PAD
EPA94	Chromium	< MDL	ug/L	1.0	3/19/2002	PAD
EPA94	Copper	1.3	ug/L	1.0	3/19/2002	PAD
EPA94	Lead	< MDL	ug/L	1.0	3/19/2002	PAD
EPA94	Manganese	18.8	ug/L	1.0	3/19/2002	PAD
EPA94	Nickel	< MDL	ug/L	1.0	3/19/2002	PAD
EPA94	Selenium	< MDL	ug/L	1.0	3/19/2002	PAD
EPA94	Silver	< MDL	ug/L	2.0	3/19/2002	PAD
EPA94	Thallium	< MDL	ug/L	1.0	3/19/2002	PAD
EPA94	Zinc	< MDL	ug/L	2.0	3/19/2002	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	3/27/2002	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	3/27/2002	PAD
EPA94	Iron	32	ug/L	20.0	3/27/2002	PAD
EPA79	Mercury	< MDL	ug/L	0.40	2/13/2002	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 3/27/2002

Environmental Laboratories

emailed

Original 3/27/2002

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 C1491,P2685,2683,Q2547,2545,

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/10/2002 AT 8:01:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03385

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	3/27/2002	PAD
EPA'79	Potable Metals Digestion	Completed			2/14/2002	PAD
SM18	Tin	< MDL	ug/L	100	2/25/2002	PAD
Organics						
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	2/17/2002	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	2/17/2002	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	2/17/2002	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	2/17/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/27/2002

Environmental Laboratories

emailed

Original 3/27/2002

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 C1491,P2685,2683,Q2547,2545,

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/10/2002 AT 8:01:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03385

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	2/17/2002	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Benzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Bromomethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chloroethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Chloromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	2/17/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/27/2002

Environmental Laboratories

emailed

Original 3/27/2002

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 C1491,P2685,2683,Q2547,2545,

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/10/2002 AT 8:01:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03385

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	2/17/2002	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	2/17/2002	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	2/17/2002	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Naphthalene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	O-xylene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Styrene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Toluene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	2/17/2002	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	2/17/2002	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 3/27/2002

Environmental Laboratories

emailed

Original 3/27/2002

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

Received KM

Bottle C1491,P2685,2683,Q2547,2545,

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 2/10/2002 AT 8:01:00

Submitted 2/11/2002 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AE03385

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	2/17/2002	SV
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/12/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 3/27/2002

Environmental Laboratories

emailed

Original 3/27/2002

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C1593,P2918,2911,Q114,1116,1

Collected By: SCOTT

Comment:

Report

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

Sample DEL18

ID of Source:

Collection 02/10/02 AT 12:55:00

Submitted 02/11/02 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample No. AE03386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE New</u>						
EPA94	Antimony	< MDL	ug/L	0.1	03/18/02	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	03/18/02	PAD
EPA94	Barium	30.4	ug/L	0.1	03/18/02	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	03/18/02	PAD
EPA94	Cadmium	< MDL	ug/L	0.2	03/18/02	PAD
EPA94	Chromium	1.6	ug/L	1.0	03/18/02	PAD
EPA94	Copper	1.1	ug/L	1.0	03/18/02	PAD
EPA94	Lead	< MDL	ug/L	1.0	03/18/02	PAD
EPA94	Manganese	58.9	ug/L	1.0	03/18/02	PAD
EPA94	Nickel	1.1	ug/L	1.0	03/18/02	PAD
EPA94	Selenium	1.3	ug/L	1.0	03/18/02	PAD
EPA94	Silver	< MDL	ug/L	2.0	03/18/02	PAD
EPA94	Thallium	< MDL	ug/L	1.0	03/18/02	PAD
EPA94	Zinc	< MDL	ug/L	2.0	03/18/02	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	03/27/02	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	03/27/02	PAD
EPA94	Iron	55	ug/L	20.0	03/27/02	PAD
EPA79	Mercury	< MDL	ug/L	0.40	02/13/02	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 04/24/02

Environmental Laboratories

emailed

Copy 04/25/02

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C1593,P2918,2911,Q114,1116,1

Collected By: SCOTT

Comment:

Report

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

Sample DEL18

ID of Source:

Collection 02/10/02 AT 12:55:00

Submitted 02/11/02 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample No. AE03386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	03/27/02	PAD
EPA79	Potable Metals Digestion	Completed			02/14/02	PAD
SM18	Tin	< MDL	ug/L	100	02/25/02	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	02/17/02	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	02/17/02	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	02/17/02	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	02/17/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/24/02

Environmental Laboratories

emailed

Copy 04/25/02

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

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

Attention: Steve Schindler

Received KM

Bottle C1593,P2918,2911,Q114,1116,1

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 02/10/02 AT 12:55:00

Submitted 02/11/02 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Report

Sample No. AE03386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	02/17/02	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	02/17/02	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	02/17/02	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	02/17/02	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Benzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	Bromomethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	02/17/02	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Chloroethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	Chloromethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	02/17/02	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	02/17/02	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 04/24/02

Environmental Laboratories

emailed

Copy 04/25/02

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C1593,P2918,2911,Q114,1116,1

Collected By: SCOTT

Comment:

Report

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

Sample DEL18

ID of Source:

Collection 02/10/02 AT 12:55:00

Submitted 02/11/02 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample No. AE03386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	02/17/02	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	02/17/02	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	02/17/02	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	02/17/02	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Naphthalene	< MDL	ug/L	0.5	02/17/02	SV
524.2	O-xylene	< MDL	ug/L	0.5	02/17/02	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	02/17/02	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	02/17/02	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Styrene	< MDL	ug/L	0.5	02/17/02	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Toluene	< MDL	ug/L	0.5	02/17/02	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	02/17/02	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	02/17/02	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	02/17/02	SV

Approved Pam Dilisizian

QA Officer

Date Approved: 04/24/02

Environmental Laboratories

emailed

Copy 04/25/02

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 Supply
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received KM

Bottle C1593,P2918,2911,Q114,1116,1

Collected By: SCOTT

Comment:

Report

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

Sample DEL18

ID of Source:

Collection 02/10/02 AT 12:55:00

Submitted 02/11/02 AT 2:43:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample No. AE03386

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Vinyl chloride	< MDL	ug/L	0.5	02/17/02	SV
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		03/12/02	DLV

The GCMS scan, from 35 to 550 amu, reveals the possible presence of Fluoranthene at an estimated level of 3.6 ug/l and with a fit of 86 out of 100; and Pyrene at an estimated level of 3.6 ug/L and with a fit of 83 out of 100. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian

QA Officer

Date Approved: 04/24/02

Environmental Laboratories

emailed

Copy 04/25/02

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 P2914,Q1081
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 2/10/2002 AT 12:00:00
Submitted 2/11/2002 AT 2:43:00
Sample Type: POT_DW
PWS No.: **Source Code:** 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AE03387

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	Other unknown compounds	.	ug/L		3/12/2002	DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian **QA Officer**

Date Approved: 3/13/2002

Environmental Laboratories

emailed Original 3/13/2002

NYS ELAP # 10108

Page 1 of 1