

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 c576,p705,760,1033,q411,860,58

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 11/19/2001 AT 8:45:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28325

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/26/2001	PAD
EPA94	Manganese	26.0	ug/L	1.0	12/26/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/26/2001	PAD
EPA94	Silver	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	12/17/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	12/17/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Iron	24	ug/L	20.0	12/17/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	12/17/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

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

Attention: Steve Schindler

Received KM

Bottle c576,p705,760,1033,q411,860,58

Collected By: SCOTT

Comment:

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

Sample CATLEFF

ID of Source:

Collection 11/19/2001 AT 8:45:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28325

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	12/17/2001	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/26/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/26/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/26/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

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 c576,p705,760,1033,q411,860,58

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 11/19/2001 AT 8:45:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28325

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/26/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

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 c576,p705,760,1033,q411,860,58

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 11/19/2001 AT 8:45:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28325

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/26/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/26/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/26/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

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 c576,p705,760,1033,q411,860,58

Collected By: SCOTT

Comment:

Sample CATLEFF

ID of Source:

Collection 11/19/2001 AT 8:45:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28325

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
GCMS Scan For Unknowns	Other unknown compounds	.	ug/L		11/29/2001	DLV

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

Recoveries for 14 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The recovery for the Surrogate Standard in this sample was 61%.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

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 c565,p710,1062,1060,q888,898,8

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 11/19/2001 AT 8:58:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28326

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/26/2001	PAD
EPA94	Manganese	24.5	ug/L	1.0	12/26/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/26/2001	PAD
EPA94	Silver	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	12/17/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	12/17/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Iron	86	ug/L	20.0	12/17/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	12/17/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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 c565,p710,1062,1060,q888,898,8

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 11/19/2001 AT 8:58:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28326

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	12/17/2001	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/26/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/26/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/26/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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 c565,p710,1062,1060,q888,898,8

Collected By: SCOTT

Comment:

Sample DEL18

ID of Source:

Collection 11/19/2001 AT 8:58:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28326

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/26/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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

Attention: Steve Schindler

Received KM

Bottle c565,p710,1062,1060,q888,898,8

Collected By: SCOTT

Comment:

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

Sample DEL18

ID of Source:

Collection 11/19/2001 AT 8:58:00

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28326

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/26/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/26/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/26/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/26/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/26/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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

Sample DEL18
ID of Source:
Collection 11/19/2001 AT 8:58:00
Submitted 11/19/2001 AT 2:39:00

Bottle c565,p710,1062,1060,q888,898,8
Collected By: SCOTT
Comment:

Sample Type: POT_DW
PWS No.:
Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28326

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
GCMS Scan For Unknowns	Other unknown compounds	.	ug/L		1/9/2002	DLV

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

Approved Pam Dilsizian QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed Original 1/10/2002

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

Attention: Steve Schindler

Received KM

Bottle c595,p1023,1010,1009,q862,582,

Collected By: SUTTON

Comment:

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

Sample CROGH

ID of Source:

Collection 11/19/2001 AT

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28327

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWE</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/26/2001	PAD
EPA94	Manganese	58.9	ug/L	1.0	12/26/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/26/2001	PAD
EPA94	Silver	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	12/17/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	12/17/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	12/17/2001	PAD
EPA94	Iron	66	ug/L	20.0	12/17/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/17/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	12/17/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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 c595,p1023,1010,1009,q862,582,

Collected By: SUTTON

Comment:

Sample CROGH

ID of Source:

Collection 11/19/2001 AT

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28327

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	12/31/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	12/17/2001	PAD

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/26/2020	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/26/2020	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/26/2020	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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

Attention: Steve Schindler

Received KM

Bottle c595,p1023,1010,1009,q862,582,

Collected By: SUTTON

Comment:

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

Sample CROGH

ID of Source:

Collection 11/19/2001 AT

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28327

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/26/2020	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Benzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/26/2020	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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 c595,p1023,1010,1009,q862,582,

Collected By: SUTTON

Comment:

Sample CROGH

ID of Source:

Collection 11/19/2001 AT

Submitted 11/19/2001 AT 2:39:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28327

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/26/2020	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/26/2020	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/26/2020	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Styrene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Toluene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/26/2020	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/26/2020	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed

Original 1/10/2002

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

Sample CROGH
ID of Source:
Collection 11/19/2001 AT
Submitted 11/19/2001 AT 2:39:00
Sample Type: POT_DW
PWS No.: **Source Code:** 000

Bottle c595,p1023,1010,1009,q862,582,
Collected By: SUTTON
Comment:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28327

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
GCMS Scan For Unknowns	Other unknown compounds	.	ug/L		1/9/2002	DLV

The GCMS scan, from 35 to 550 amu, reveals the presence of 2,4-bis(1,1-dimethylethyl)-phenol at an estimated level of 0.47 ug/L and with a fit of 94 out of 100.

Approved Pam Dilsizian QA Officer

Date Approved: 1/10/2002

Environmental Laboratories

emailed Original 1/10/2002

NYS ELAP # 10108

Page 5 of 5