

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 C534,P1129,495,Q978,977,K402

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CROGH

ID of Source:

Collection 11/22/2001 AT 8:05:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28688

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEW</u>						
EPA94	Antimony	0.12	ug/L	0.1	12/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/26/2001	PAD
EPA94	Manganese	61.4	ug/L	1.0	12/26/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/20/2001	PAD
EPA94	Iron	73	ug/L	20.0	12/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD
Organics						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/27/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

NYS ELAP # 10108

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VALHALLA, NY

Attention: Steve Schindler
Received EP

Bottle C534,P1129,495,Q978,977,K402

Collected By: SUTTON

Comment:

Sample CROGH

ID of Source:

Collection 11/22/2001 AT 8:05:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28688

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved:

1/2/2002

Environmental Laboratories

emailed

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Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample CROGH

ID of Source:

Collection 11/22/2001 AT 8:05:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

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Sample chilled on arrival? : YES

Report

Sample No. AD28688

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

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Original 1/2/2002

NYS ELAP # 10108

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

Attention: Steve Schindler

Received EP

Bottle C534,P1129,495,Q978,977,K402

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CROGH

ID of Source:

Collection 11/22/2001 AT 8:05:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28688

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/27/2001	SV

GCMS Scan For Unknowns

Other unknown compounds

ug/L

12/7/2001

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.30 ug/L. The recovery for the Surrogate Standard in this sample was 107%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has been identified to be from the TurboVap concentrator.

Approved Pam DiIsizian

QA Officer

Date Approved: 1/2/2002

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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 C723,P855,661,Q565,600,K8998

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/22/2001 AT 6:25:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28689

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	Cobalt	< MDL	ug/L	20.0	12/20/2001	PAD
EPA94	Iron	27	ug/L	20.0	12/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA79	Potable Metals Digestion	Completed			12/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD
Organics						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/27/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

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Collected By: SUTTON

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Sample CATLEFF

ID of Source:

Collection 11/22/2001 AT 6:25:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28689

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524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/27/2001	SV

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Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/22/2001 AT 6:25:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

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Sample No. AD28689

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

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Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/22/2001 AT 6:25:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28689

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/27/2001	SV

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/7/2001	DLV
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The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recovery for the Surrogate Standard in this sample was 84%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has been identified to be from the TurboVap concentrator. The pH of this sample when received was less than 2.

Approved Pam Dilsizian

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Agency: NYCDEP Bureau Water

465 Columbus Ave.

Valhalla, NY 10595

Attention: Steve Schindler

Received EP

Bottle C729,P1131,1133,Q320,287,K90

Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample DEL18

ID of Source:

Collection 11/22/2001 AT 6:50:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28690

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEWEL</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	24.6	ug/L	1.0	12/26/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/20/2001	PAD
EPA94	Iron	25	ug/L	20.0	12/20/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA79	Potable Metals Digestion	Completed			12/5/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD
<u>Organics</u>						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	11/27/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	0.5	11/27/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	11/27/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved:

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Agency: NYCDEP Bureau Water

465 Columbus Ave.

Valhalla, NY 10595

Attention: Steve Schindler

Received EP

Bottle C729,P1131,1133,Q320,287,K90

Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample DEL18

ID of Source:

Collection 11/22/2001 AT 6:50:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28690

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	11/27/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Benzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromobenzene	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

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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

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Attention: Steve Schindler
Received EP

Sample DEL18
ID of Source:
Collection 11/22/2001 AT 6:50:00
Submitted 11/23/2001 AT
Sample Type: POT_DW
PWS No.:

Bottle C729,P1131,1133,Q320,287,K90
Collected By: SUTTON
Comment:

Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28690

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Bromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloroethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Chloromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dibromomethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	11/27/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Naphthalene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	O-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P & M-xylene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	0.5	11/27/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 1/2/2002

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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 C729,P1131,1133,Q320,287,K90

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample DEL18

ID of Source:

Collection 11/22/2001 AT 6:50:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28690

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Styrene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Toluene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichloroethene	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	0.5	11/27/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	0.5	11/27/2001	SV

GCMS Scan For Unknowns

Other unknown compounds

ug/L

12/7/2001

DLV

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.40 ug/L. The recovery for the Surrogate Standard in this sample was 104%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance

Approved Pam Dilsizian

QA Officer

Date Approved:

1/2/2002

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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

Sample FIELD BLANK

Attention: Steve Schindler
Received EP
Bottle P1143,652
Collected By: LAB
Comment:

Sample FB-11/22/01
ID of Source:
Collection 11/22/2001 AT
Submitted 11/23/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28691

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
GCMS Scan For Unknowns						
	Other unknown compounds	.	ug/L		12/7/2001	DLV

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

The recovery for the Surrogate Standard in this sample was 96%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has identified to be from the TurboVap concentrator. The pH of this sample when received was less than 2.

Approved Pam Dilsizian

QA Officer

Date Approved: 12/10/2001

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Original 12/10/2001

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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

Sample FIELD BLANK

Attention: Steve Schindler
Received EP
Bottle P1143,652
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 11/22/2001 AT
Submitted 11/23/2001 AT
Sample Type: POT_DW
PWS No.: Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28691

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
GCMS Scan For Unknowns						
	Other unknown compounds	.	ug/L		12/7/2001	DLV

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

The recovery for the Surrogate Standard in this sample was 96%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has identified to be from the TurboVap concentrator. The pH of this sample when received was less than 2.

Approved Pam Dilsizian

QA Officer

Date Approved: 1/10/2002

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