

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 C539,P630,628,Q972,976,K9002

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample DEL18

ID of Source:

Collection 11/23/2001 AT 7:00:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28692

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	24.9	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	23	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: 1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

NYS ELAP # 10108

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Sample No. AD28692

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

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QA Officer

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Comment:

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Sample DEL18

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Collection 11/23/2001 AT 7:00:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28692

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

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QA Officer

Date Approved: 1/2/2002

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Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample DEL18

ID of Source:

Collection 11/23/2001 AT 7:00:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28692

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 0.28 ug/L and bis(2-Ethylhexyl)phthalate at an estimated level of 0.38 ug/L. The recovery for the Surrogate Standard in this sample was 105%. 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.

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Agency: NYCDEP Bureau Water

465 Columbus Ave.

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Attention: Steve Schindler

Received EP

Bottle C753,P1136,1139,Q442,463,K90

Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample CROGH

ID of Source:

Collection 11/23/2001 AT 8:00:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28693

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
<u>ICPMS Metals for NEW</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	58.0	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	69	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			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

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Comment:

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Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

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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

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Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CROGH

ID of Source:

Collection 11/23/2001 AT 8:00:00

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. AD28693

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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

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Comment:

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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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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.

The recovery for the Surrogate Standard in this sample was 106%. 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.

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Attention: Steve Schindler

Received EP

Bottle P728,851,Q980,431,588,K400,90

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/23/2001 AT 6:40:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28694

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<u>Inorganics</u>						
<u>ICPMS Metals for NEW</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	25.6	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	26	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			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

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Bottle P728,851,Q980,431,588,K400,90

Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/23/2001 AT 6:40:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28694

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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Original 1/2/2002

NYS ELAP # 10108

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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 P728,851,Q980,431,588,K400,90

Collected By: SUTTON

Comment:

Sample NYC DEP
19 WESTLAKE DRIVE
VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/23/2001 AT 6:40:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28694

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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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 P728,851,Q980,431,588,K400,90

Collected By: SUTTON

Comment:

Sample NYC DEP

19 WESTLAKE DRIVE

VALHALLA, NY

Sample CATLEFF

ID of Source:

Collection 11/23/2001 AT 6:40:00

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28694

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 0.29 ug/L. The recovery for the Surrogate Standard in this sample was 111%. 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

QA Officer

Date Approved: 1/2/2002

Environmental Laboratories

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Original 1/2/2002

NYS ELAP # 10108

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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 P1144,Q371
Collected By: LAB
Comment:

Sample FIELD BLANK

Sample FB-11/23/01
ID of Source:
Collection 11/23/2001 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.		AD28695				
Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	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 103%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.						

Approved Pam Dilsizian
 QA Officer

Date Approved: 12/10/2001

 emailed Original 12/10/2001

Environmental Laboratories

NYS ELAP # 10108

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 P1144,Q371
Collected By: LAB
Comment:

Sample FBW
ID of Source:
Collection 11/23/2001 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. AD28695

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>GCMS Scan For Unknowns</u>						
	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 103%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian QA Officer

Date Approved: 1/10/2002

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emailed Copy 1/10/2002

NYS ELAP # 10108

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