

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 C41,K8045,8046,8049,8639,8755

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/24/2001 AT 10:35:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23471

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/28/2001	ADB
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/28/2001	ADB
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	ADB
EPA94	Barium	< MDL	ug/L	200.0	9/28/2001	ADB
EPA94	Beryllium	< MDL	ug/L	2	9/28/2001	ADB
EPA94	Calcium	5500	ug/L	1000.0	9/28/2001	ADB
EPA94	Cadmium	< MDL	ug/L	2.0	9/28/2001	ADB
EPA94	Cobalt	< MDL	ug/L	20.0	9/28/2001	ADB
EPA94	Chromium	< MDL	ug/L	10.0	9/28/2001	ADB
EPA94	Copper	< MDL	ug/L	20.0	9/28/2001	ADB
EPA94	Iron	< MDL	ug/L	20.0	9/28/2001	ADB
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	ADB
SM18	Potassium	470	ug/L	100.0	9/27/2001	ADB

Approved Pam Dilisizian

QA Officer

Date Approved: 10/22/2001

Environmental Laboratories

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Sample No. AD23471

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EPA94	Magnesium	1100	ug/L	1000.0	9/28/2001	ADB
EPA94	Manganese	26	ug/L	20.0	9/28/2001	ADB
EPA94	Molybdenum	< MDL	ug/L	50.0	9/28/2001	ADB
EPA94	Sodium	3700	ug/L	1000.0	9/28/2001	ADB
EPA94	Nickel	< MDL	ug/L	20.0	9/28/2001	ADB
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	ADB
EPA'79	Potable Metals Digestion	Completed			9/26/2001	ADB
SM18	Antimony	< MDL	ug/L	6	9/27/2001	ADB
SM18	Selenium	< MDL	ug/L	2	9/28/2001	ADB
SM18	Tin	< MDL	ug/L	100	9/28/2001	ADB
	Stat charge for HG TEST	Completed			9/28/2001 9:24 AM	ADB
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	ADB
	Stat charge for ICP	Completed			9/28/2001 9:24 AM	ADB
SM18	Titanium	< MDL	ug/L	100	10/2/2001	ADB

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EPA94	Vanadium	< MDL	ug/L	20.0	9/28/2001	ADB
EPA94	Zinc	< MDL	ug/L	20.0	9/28/2001	ADB
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/26/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/26/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV

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524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV

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524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV

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PWS No.: Source Code: 000

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/4/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/16/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, reveals the presence of non-target compounds. However, these compounds were observed in previous Laboratory Blanks, though not in the Laboratory Blank associated with this sample.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM SV
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Attention: Steve Schindler

Received KM

Bottle C48,K7774,6779,6346,P8728,86

Collected By: CURCIO

Comment:

Sample DEL 18

ID of Source:

Collection 9/24/2001 AT 11:15:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

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Sample No. AD23472

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Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	9/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	9/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	420	ug/L	100.0	9/27/2001	PAD

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EPA94	Manganese	22	ug/L	20.0	9/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/28/2001	PAD
EPA94	Sodium	3600	ug/L	1000.0	9/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/27/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/28/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/28/2001 9:30 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/28/2001 9:30 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD

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Organics						
Chlorine Pesticides - 508						
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	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV

The recovery for Surrogate Standard was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV

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Bottle C48,K7774,6779,6346,P8728,86
Collected By: CURCIO
Comment:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23472

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

Attention: Steve Schindler

Received KM

Bottle C48,K7774,6779,6346,P8728,86

Collected By: CURCIO

Comment:

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

Sample DEL 18

ID of Source:

Collection 9/24/2001 AT 11:15:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23472

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV

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Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

Attention: Steve Schindler
Received KM

Bottle C48,K7774,6779,6346,P8728,86

Collected By: CURCIO

Comment:

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

Sample DEL 18

ID of Source:

Collection 9/24/2001 AT 11:15:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23472

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV

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Chief of Env. Lab Services

Date Approved: 10/22/2001

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

Attention: Steve Schindler

Received KM

Bottle C48,K7774,6779,6346,P8728,86

Collected By: CURCIO

Comment:

Sample DEL 18

ID of Source:

Collection 9/24/2001 AT 11:15:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23472

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/4/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/19/2001	DLV
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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.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM SV
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Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

Attention: Steve Schindler
Received KM

Bottle C69,K7349,5614,4155,P8705,87

Collected By: CURCIO

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/24/2001 AT 12:00:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Calcium	21000	ug/L	1000.0	9/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94	Iron	58	ug/L	20.0	9/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	2000	ug/L	100.0	9/27/2001	PAD

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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 KM

Bottle C69,K7349,5614,4155,P8705,87

Collected By: CURCIO

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/24/2001 AT 12:00:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	7100	ug/L	1000.0	9/28/2001	PAD
EPA94	Manganese	97	ug/L	20.0	9/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/28/2001	PAD
EPA94	Sodium	28000	ug/L	1000.0	9/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/27/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/28/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/28/2001 9:32 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/28/2001 9:32 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD

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Chief of Env. Lab Services

Date Approved: 10/22/2001

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

Attention: Steve Schindler
Received KM
Bottle C69,K7349,5614,4155,P8705,87
Collected By: CURCIO
Comment:

Sample CRO GH
ID of Source:
Collection 9/24/2001 AT 12:00:00
Submitted 9/25/2001 AT 9:26:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Thallium	< MDL	ug/L	2	10/1/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	9/28/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/27/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/27/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/27/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/27/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/27/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/27/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/27/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/27/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/27/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/27/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/27/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/27/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV

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Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

Attention: Steve Schindler

Received KM

Bottle C69,K7349,5614,4155,P8705,87

Collected By: CURCIO

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/24/2001 AT 12:00:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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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**Sample** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler
Received KM**Bottle** C69,K7349,5614,4155,P8705,87**Collected By:** CURCIO**Comment:****Sample** CRO GH**ID of Source:****Collection** 9/24/2001 AT 12:00:00**Submitted** 9/25/2001 AT 9:26:00**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival?** : YES**Report****Sample No. AD23473**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV

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Chief of Env. Lab Services

Date Approved: 10/22/2001**Environmental Laboratories**

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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 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received KM
Bottle C69,K7349,5614,4155,P8705,87
Collected By: CURCIO
Comment:

Sample CRO GH
ID of Source:
Collection 9/24/2001 AT 12:00:00
Submitted 9/25/2001 AT 9:26:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

Attention: Steve Schindler

Received KM

Bottle C69,K7349,5614,4155,P8705,87

Collected By: CURCIO

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/24/2001 AT 12:00:00

Submitted 9/25/2001 AT 9:26:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23473

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/4/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/19/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM SV
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Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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