

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

Agency: New York City DEP DWQC
Distribution Laboratory
96-05 Horace Harding Ex.
Corona N.Y. 11368
Dr. Ian Hurley

Received EP

Bottle p610,623,612,c501,q527,551,569

Collected By: ODOMIROK

Comment: NO VOC VIALS PER COLLECTOR

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 11/5/2001 AT 9:25:00

Submitted 11/5/2001 AT 10:44:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD27055

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5800	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	32	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/7/2001	PAD
SM18	Potassium	520	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/4/2002

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NYS ELAP # 10108

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Sample No. AD27055

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EPA94	Magnesium	1200	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	26	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/20/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

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PWS No.:

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Sample chilled on arrival? : yes

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Sample No. AD27055

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/9/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/9/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/9/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/9/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/9/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/9/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/9/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/9/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/9/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/9/2001	DLV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/14/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/14/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/14/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/14/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/14/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/14/2001	DLV

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Sample No. AD27055

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/14/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/14/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/14/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/14/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/14/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/14/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/14/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/14/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/14/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/14/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/14/2001	DLV

The recoveries for 5 of the 8 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 49%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	DLV
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AA 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, except for di-n-butylphthalate at an estimated level of 0.96 ug/L.

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Bottle p688,679,681,c522,q600,601,161

Collected By: ODOMIROK

Comment: NO VOC VIALS PER COLLECTOR

Sample HILLVIEW BX

Sample 3

ID of Source:

Collection 11/5/2001 AT 9:45:00

Submitted 11/5/2001 AT 10:44:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : yes

Report

Sample No. AD27056

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/21/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/21/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/21/2001	PAD
EPA94	Calcium	5900	ug/L	1000.0	11/21/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/21/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/21/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Iron	71	ug/L	20.0	11/21/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/7/2001	PAD
SM18	Potassium	530	ug/L	100.0	11/14/2001	PAD

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EPA94	Magnesium	1300	ug/L	1000.0	11/21/2001	PAD
EPA94	Manganese	24	ug/L	20.0	11/21/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/21/2001	PAD
EPA94	Sodium	7600	ug/L	1000.0	11/21/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/21/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/27/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/9/2001	PAD
SM18	Antimony	< MDL	ug/L	6	11/29/2001	PAD
SM18	Selenium	< MDL	ug/L	2	11/27/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/13/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	11/20/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/21/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/21/2001	PAD

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	Dieldrin	< MDL	ug/L	0.016	11/9/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/9/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/9/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/9/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/9/2001	DLV
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<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/19/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/19/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/19/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/19/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/19/2001	DLV
	Atrazine	< MDL	ug/L	0.20	11/19/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/19/2001	DLV

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	Butachlor	< MDL	ug/L	0.40	11/19/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/19/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/19/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/19/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/19/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/19/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/19/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/19/2001	DLV
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The recoveries for 5 of the 8 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 49%.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	12/10/2001	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.

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