

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 KM

Bottle C0094,P590,607,101,Q518,548,5

Collected By: TIGLAO

Comment:

Sample HILLVIEW BX

Sample 3

ID of Source:

Collection 11/7/2001 AT 10:05:00

Submitted 11/7/2001 AT 11:12:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27232

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	30	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	500	ug/L	100.0	11/14/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 1/9/2002

Environmental Laboratories

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NYS ELAP # 10108

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EPA94	Magnesium	1300	ug/L	1000.0	11/28/2001	PAD
EPA94	Manganese	25	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7600	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/6/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	11/30/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	11/28/2001	PAD

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Sample No. AD27232

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	11/14/2001	DLV
	Aldrin	< MDL	ug/L	0.010	11/14/2001	DLV
	Chlordane	< MDL	ug/L	0.40	11/14/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	11/14/2001	DLV
	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
	Propachlor	< MDL	ug/L	0.040	11/14/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	11/14/2001	DLV

The recoveries for 2 of the 11 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 4 of the 11 compounds in the Spiked Sample were below their acceptance ranges.

Organic Chemicals - 525.2

	2,4-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	11/15/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	11/15/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	11/15/2001	DLV
	Alachlor	< MDL	ug/L	0.20	11/15/2001	DLV

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Sample No. AD27232

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.20	11/15/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	11/15/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	11/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/15/2001	DLV

Recoveries for 6 of the 18 compounds in the MDL and LCS Standards are outside of their acceptance ranges.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	12/19/2001	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.

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Page 4 of 4

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Bottle C0478,P369,368,769,Q641,650,6

Collected By: TIGLAO

Comment:

Sample HILLVIEW BX

Sample 58

ID of Source:

Collection 11/7/2001 AT 9:40:00

Submitted 11/7/2001 AT 11:12:00

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD27233

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	11/28/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	11/12/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	11/28/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	11/28/2001	PAD
EPA94	Calcium	6000	ug/L	1000.0	11/28/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	11/28/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	11/28/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	11/28/2001	PAD
EPA94	Iron	31	ug/L	20.0	11/28/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/9/2001	PAD
SM18	Potassium	510	ug/L	100.0	11/14/2001	PAD

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EPA94	Manganese	25	ug/L	20.0	11/28/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	11/28/2001	PAD
EPA94	Sodium	7200	ug/L	1000.0	11/28/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	11/28/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	11/28/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/15/2001	PAD
SM18	Antimony	< MDL	ug/L	6	12/6/2001	PAD
SM18	Selenium	< MDL	ug/L	2	12/6/2001	PAD
SM18	Tin	< MDL	ug/L	100	11/15/2001	PAD
SM18	Titanium	< MDL	ug/L	100	12/3/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/14/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	11/28/2001	PAD
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	Endrin	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	11/14/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	11/14/2001	DLV
	Lindane	< MDL	ug/L	0.030	11/14/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	11/14/2001	DLV
	PCB's	< MDL	ug/L	0.20	11/14/2001	DLV
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	Acetochlor	< MDL	ug/L	2.0	11/15/2001	DLV
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	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	11/15/2001	DLV
	bis(2-Ethylhexyl)phthalate	0.88	ug/L	0.60	11/15/2001	DLV
	Butachlor	< MDL	ug/L	0.40	11/15/2001	DLV
	EPTC	< MDL	ug/L	1.0	11/15/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	11/15/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	11/15/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	11/15/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	11/15/2001	DLV
	Molinate	< MDL	ug/L	0.90	11/15/2001	DLV
	Simazine	< MDL	ug/L	0.40	11/15/2001	DLV
	Terbacil	< MDL	ug/L	2.0	11/15/2001	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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