

REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample 3

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received EP

Bottle Q315,446,P1134,1140,C762

Collected By: VASSILEV

Comment:

Sample 3

ID of Source:

Collection 11/23/2001 AT

Submitted 11/23/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28677

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/19/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Barium	14.0	ug/L	0.1	12/19/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Copper	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Manganese	22.4	ug/L	1.0	12/19/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/20/2001	PAD
EPA94	Iron	27	ug/L	20.0	12/20/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/27/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved:

1/2/2002

Environmental Laboratories

emailed

Original 1/2/2002

NYS ELAP # 10108

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Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD

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 58%. 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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 Distribution Laboratory
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 Corona N.Y. 11368
 Dr. Ian Hurley
Received EP
Bottle C714,Q586,956,P1124,1125
Collected By: VASSILEV
Comment:

Sample 58

Sample 58
ID of Source:
Collection 11/23/2001 AT 9:36:00
Submitted 11/23/2001 AT
Sample Type: POT_DW
PWS No.: **Source Code:**

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28678

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<u>Inorganics</u>						
<u>ICPMS Metals for NEWQ</u>						
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EPA94	Arsenic	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Barium	13.5	ug/L	0.1	12/19/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Chromium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Copper	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Manganese	24.4	ug/L	1.0	12/19/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/19/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/19/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	12/20/2001	PAD
EPA94	Iron	25	ug/L	20.0	12/20/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/27/2001	PAD

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GCMS Scan For Unknowns						
	Other unknown compounds	.	ug/L		12/7/2001	DLV

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