

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 LK
Bottle C0561,Q916,920,P1094,1095
Collected By: MOHAN
Comment:

Sample 35919

Sample 29050
ID of Source:
Collection 11/20/2001 AT
Submitted 11/21/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD28596

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/18/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Barium	18.4	ug/L	0.1	12/18/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Chromium	1.4	ug/L	1.0	12/18/2001	PAD
EPA94	Copper	30.9	ug/L	1.0	12/18/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Manganese	137	ug/L	1.0	12/18/2001	PAD
EPA94	Nickel	1.2	ug/L	1.0	12/18/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Zinc	3.9	ug/L	2.0	12/18/2001	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	77	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

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Original 1/2/2002

NYS ELAP # 10108

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 Collected By: MOHAN
 Comment:

Sample 35919

 Sample 29050
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 Collection 11/20/2001 AT
 Submitted 11/21/2001 AT
 Sample Type: POT_DW
 PWS No.: Source Code:

 Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No. AD28596						
Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD
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, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.36 ug/L.
 The recovery for the Surrogate Standard in this sample was 71%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. This sample was re-extracted on 12/3/01 and re-analyzed. Results were similar. The Surrogate Standard recovery was 89% and 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Approved Pam Dilsizian		QA Officer	Date Approved: 1/2/2002	
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Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0554,Q930,926,P1081,1088

Collected By: JOASIL

Comment:

Sample 35920

Sample 31450

ID of Source:

Collection 11/20/2001 AT

Submitted 11/21/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28597

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/18/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Barium	16.7	ug/L	0.1	12/18/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Chromium	1.0	ug/L	1.0	12/18/2001	PAD
EPA94	Copper	9.4	ug/L	1.0	12/18/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Manganese	35.6	ug/L	1.0	12/18/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Zinc	< MDL	ug/L	2.0	12/18/2001	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	40	ug/L	20.0	12/20/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/27/2001	PAD

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Received LK

Bottle C0554,Q930,926,P1081,1088

Collected By: JOASIL

Comment:

Sample 35920

Sample 31450

ID of Source:

Collection 11/20/2001 AT

Submitted 11/21/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? YES

Report

Sample No. AD28597

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA'79	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
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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 75%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

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Agency: New York City DEP DWQC

Sample 35936

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0570,Q932,931,P1090,1091

Collected By: KAGZI

Comment:

Sample 45650

ID of Source:

Collection 11/20/2001 AT

Submitted 11/21/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28598

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
<u>ICPMS Metals for NEWQ</u>						
EPA94	Antimony	< MDL	ug/L	0.1	12/18/2001	PAD
EPA94	Arsenic	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Barium	26.8	ug/L	0.1	12/18/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Chromium	1.0	ug/L	1.0	12/18/2001	PAD
EPA94	Copper	17.1	ug/L	1.0	12/18/2001	PAD
EPA94	Lead	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Manganese	18.1	ug/L	1.0	12/18/2001	PAD
EPA94	Nickel	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Selenium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Silver	< MDL	ug/L	2.0	12/18/2001	PAD
EPA94	Thallium	< MDL	ug/L	1.0	12/18/2001	PAD
EPA94	Zinc	3.7	ug/L	2.0	12/18/2001	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	40	ug/L	20.0	12/20/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/27/2001	PAD

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 Corona N.Y. 11368
 Dr. Ian Hurley
 Received LK
 Bottle C0570,Q932,931,P1090,1091
 Collected By: KAGZI
 Comment:

Sample 35936

 Sample 45650
 ID of Source:
 Collection 11/20/2001 AT
 Submitted 11/21/2001 AT
 Sample Type: POT_DW
 PWS No.: Source Code:

 Type Descriptor:
 Sample chilled on arrival? : YES

Report

Sample No.		AD28598				
Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum	< MDL	ug/L	50.0	12/20/2001	PAD
EPA'79	Potable Metals Digestion	Completed			11/26/2001	PAD
SM18	Tin	< MDL	ug/L	100	1/2/2002	PAD
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, except for bis(2-Ethylhexyl)phthalate at an estimated level of 1.3 ug/L.
 The recovery for the Surrogate Standard in this sample was 85%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian	QA Officer	Date Approved:	1/2/2002
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Sample 35940

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received LK

Bottle C0562,Q922,923,P1096,1089

Collected By: GERTSIK

Comment:

Sample 51050

ID of Source:

Collection 11/20/2001 AT

Submitted 11/21/2001 AT

Sample Type: POT_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD28599

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	14.5	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	16.5	ug/L	1.0	12/19/2001	PAD
EPA94	Lead	1.3	ug/L	1.0	12/19/2001	PAD
EPA94	Manganese	19.3	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	3.4	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	22	ug/L	20.0	12/20/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	11/27/2001	PAD

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 Corona N.Y. 11368
 Dr. Ian Hurley
Received LK
Bottle C0562,Q922,923,P1096,1089
Collected By: GERTSIK
Comment:

Sample 35940

Sample 51050
ID of Source:
Collection 11/20/2001 AT
Submitted 11/21/2001 AT
Sample Type: POT_DW
PWS No.:

Source Code:

Type Descriptor:
 Sample chilled on arrival? : YES

Report

		Sample No.	AD28599				
Method	Test Description		Results	Units	MDL	Analyzed on	Validator
EPA94	Molybdenum		< MDL	ug/L	50.0	12/20/2001	PAD
EPA'79	Potable Metals Digestion		Completed			11/26/2001	PAD
SM18	Tin		< MDL	ug/L	100	1/2/2002	PAD
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 73%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Approved Pam Dilsizian QA Officer

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