293911

Case Narrative:
Jewett White Lead #10100024

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

Total Analysis: The solid samples for this project were prepared and analyzed on a Total basis for Lead. The Total Analysis results are reported in "mg/kg" units.

Toxicity Characteristic Leaching Procedure (TCLP) and *Synthetic Precipitation Leaching Procedure (SPLP) Analysis:* The solid samples for this project were prepared using the both the TCLP procedure and SPLP procedure. The TCLP and SPLP extracts were digested and analyzed for Lead. The extract results were reported in "mg/L" units.

Samples S-MSCB5-0001 (Laboratory ID AM04710), S-MSCB5-0001-E (Laboratory ID AM04711), and S-MSCF5-0304 (Laboratory ID AM04720), received on 10/20/10, only have TAL Metals and Mercury results reported. The TCLP and SPLP results for Lead could not be provided due to insufficient sample mass.

Mercury Analysis: Samples AM05231 through AM05240 were collected on 10/19/10. Due to laboratory error with the sample receipt, the samples were analyzed past the 28-day holding time established for the analysis. All results were qualified with a "J" to indicate the data are estimated.

TAL Metals Analysis: Samples AM05231 through AM05240, collected on 10/19/10, were removed from the refrigerator for preparation for TCLP and SPLP analysis. The samples were left out at room temperature for three days, in error, prior to conducting the Total Analysis for the TAL Metals. Since the samples were not maintained at 4C for those three days, all Total Metals results should be considered as "estimated."

Data Qualifier(s):

U- The analyte was not detected at or above the Reporting Limit.
J- The identification of the analyte is acceptable; the reported value is an estimate.
K- The identification of the analyte is acceptable; the reported value may be biased high.
L- The identification of the analyte is acceptable; the reported value may be biased low.
NJ-There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.

Method(s):

All methods that are NELAC accredited in the Laboratory are noted with "NELAC" at the end of the method reference.

- TCLP Analysis (Lead): 1) Extraction - EPA SW-846 Method 1311 (TCLP Extraction) (NELAC); Analysis (Lead), EPA Method 200.7 (SOP C-109; ICP/AES Method) (NELAC)
- SPLP Analysis (Lead): 1) Extraction: EPA SW-846 Method 1312 (SPLP Extraction); Analysis (Lead), EPA Method 200.7 (SOP C-109; ICP/AES Method) (NELAC)
- TAL Metals Analysis, EPA SOP C-109 (ICP/AES Method)
- Mercury Analysis, EPA SOP C-110 (CVAAS Method)

Approval: _____ Date: 12-8-10

U.S. Environmental Protection Agency
Region 2 Laboratory
2890 Woodbridge Avenue
Edison, NJ 08837

Data Report: JEWETT WHITE LEAD

Project Number: 10100024

Program: Y206

Project Leader: SMITA SUMBALY

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05231 Field/Station ID: SD-01 Date Received: 11/23/2010
Matrix: Sediment

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	4.7		mg/Kg
7429-90-5	ALUMINUM	5,200		mg/Kg
7440-38-2	ARSENIC	4.9		mg/Kg
7440-39-3	BARIUM	53		mg/Kg
7440-41-7	BERYLLIUM	2.9		mg/Kg
7440-70-2	CALCIUM	5,500		mg/Kg
7440-43-9	CADMIUM	0.63		mg/Kg
7440-48-4	COBALT	16	L	mg/Kg
7440-47-3	CHROMIUM	54		mg/Kg
7440-50-8	COPPER	300		mg/Kg
7439-89-6	IRON	19,000		mg/Kg
7440-09-7	POTASSIUM	1,100		mg/Kg
7439-95-4	MAGNESIUM	7,900		mg/Kg
7439-96-5	MANGANESE	240		mg/Kg
7440-23-5	SODIUM	3,100		mg/Kg
7440-02-0	NICKEL	160		mg/Kg
7439-92-1	LEAD	480		mg/Kg
7782-49-2	SELENIUM	---	2.5U	mg/Kg
7440-36-0	ANTIMONY	---	2.5U	mg/Kg
7440-28-0	THALLIUM	---	2.5U	mg/Kg
7440-62-2	VANADIUM	17		mg/Kg
7440-66-6	ZINC	900		mg/Kg

Analysis Type: METALS, SPLP ICP SPLP EXTRACT

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, SPLP	---	0.080U	mg/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, TCLP	0.75		mg/L
7439-97-6	MERCURY	0.22		mg/Kg

AM05232 Field/Station ID: SD-02 Date Received: 11/23/2010
Matrix: Sediment

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05232 Field/Station ID: SD-02 Date Received: 11/23/2010
Matrix: Sediment

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	3.3		mg/Kg
7429-90-5	ALUMINUM	5,000		mg/Kg
7440-38-2	ARSENIC	8.0		mg/Kg
7440-39-3	BARIUM	38		mg/Kg
7440-41-7	BERYLLIUM	0.58		mg/Kg
7440-70-2	CALCIUM	29,000		mg/Kg
7440-43-9	CADMIUM	---	0.36U	mg/Kg
7440-48-4	COBALT	6.1		mg/Kg
7440-47-3	CHROMIUM	22		mg/Kg
7440-50-8	COPPER	160		mg/Kg
7439-89-6	IRON	12,000		mg/Kg
7440-09-7	POTASSIUM	1,100		mg/Kg
7439-95-4	MAGNESIUM	4,500		mg/Kg
7439-96-5	MANGANESE	130		mg/Kg
7440-23-5	SODIUM	3,000		mg/Kg
7440-02-0	NICKEL	31		mg/Kg
7439-92-1	LEAD	58		mg/Kg
7782-49-2	SELENIUM	---	2.4U	mg/Kg
7440-36-0	ANTIMONY	---	2.4U	mg/Kg
7440-28-0	THALLIUM	---	2.4U	mg/Kg
7440-62-2	VANADIUM	15		mg/Kg
7440-66-6	ZINC	160		mg/Kg

Analysis Type: METALS, SPLP ICP SPLP EXTRACT

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, SPLP	---	0.080U	mg/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, TCLP	---	0.080U	mg/L
7439-97-6	MERCURY	0.19		mg/Kg

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05233 Field/Station ID: SD-03 Date Received: 11/23/2010
Matrix: Sediment

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	7.8		mg/Kg
7429-90-5	ALUMINUM	11,000		mg/Kg
7440-38-2	ARSENIC	11		mg/Kg
7440-39-3	BARIUM	68		mg/Kg
7440-41-7	BERYLLIUM	---	0.66U	mg/Kg
7440-70-2	CALCIUM	9,200		mg/Kg
7440-43-9	CADMIUM	---	0.66U	mg/Kg
7440-48-4	COBALT	19		mg/Kg
7440-47-3	CHROMIUM	70		mg/Kg
7440-50-8	COPPER	80		mg/Kg
7439-89-6	IRON	28,000		mg/Kg
7440-09-7	POTASSIUM	3,100		mg/Kg
7439-95-4	MAGNESIUM	24,000		mg/Kg
7439-96-5	MANGANESE	470		mg/Kg
7440-23-5	SODIUM	9,200		mg/Kg
7440-02-0	NICKEL	260		mg/Kg
7439-92-1	LEAD	130		mg/Kg
7782-49-2	SELENIUM	---	4.4U	mg/Kg
7440-36-0	ANTIMONY	---	4.4U	mg/Kg
7440-28-0	THALLIUM	---	4.4U	mg/Kg
7440-62-2	VANADIUM	32		mg/Kg
7440-66-6	ZINC	180		mg/Kg

Analysis Type: METALS, SPLP ICP SPLP EXTRACT

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, SPLP	---	0.080U	mg/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, TCLP	0.090		mg/L
7439-97-6	MERCURY	1.1		mg/Kg

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05234 Field/Station ID: SD-04 Date Received: 11/23/2010
Matrix: Sediment

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	3.0		mg/Kg
7429-90-5	ALUMINUM	3,900		mg/Kg
7440-38-2	ARSENIC	3.2		mg/Kg
7440-39-3	BARIUM	28		mg/Kg
7440-41-7	BERYLLIUM	---	0.43U	mg/Kg
7440-70-2	CALCIUM	3,800		mg/Kg
7440-43-9	CADMIUM	---	0.43U	mg/Kg
7440-48-4	COBALT	6.0		mg/Kg
7440-47-3	CHROMIUM	24		mg/Kg
7440-50-8	COPPER	36		mg/Kg
7439-89-6	IRON	11,000		mg/Kg
7440-09-7	POTASSIUM	920		mg/Kg
7439-95-4	MAGNESIUM	6,800		mg/Kg
7439-96-5	MANGANESE	130		mg/Kg
7440-23-5	SODIUM	1,400		mg/Kg
7440-02-0	NICKEL	58		mg/Kg
7439-92-1	LEAD	89		mg/Kg
7782-49-2	SELENIUM	---	2.9U	mg/Kg
7440-36-0	ANTIMONY	4.8		mg/Kg
7440-28-0	THALLIUM	---	2.9U	mg/Kg
7440-62-2	VANADIUM	14		mg/Kg
7440-66-6	ZINC	130		mg/Kg

Analysis Type: METALS, SPLP ICP SPLP EXTRACT

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, SPLP	---	0.080U	mg/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, TCLP	0.22		mg/L
7439-97-6	MERCURY	0.21		mg/Kg

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05235 Field/Station ID: SD-O1-E
Matrix: Sediment

Date Received: 11/23/2010

Sample Description:

Analysis Type: METALS TAL ICP SOLID

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	2.5		mg/Kg
7429-90-5	ALUMINUM	2,400		mg/Kg
7440-38-2	ARSENIC	2.8		mg/Kg
7440-39-3	BARIUM	29		mg/Kg
7440-41-7	BERYLLIUM	0.92		mg/Kg
7440-70-2	CALCIUM	7,000		mg/Kg
7440-43-9	CADMIUM	---	0.38U	mg/Kg
7440-48-4	COBALT	6.3		mg/Kg
7440-47-3	CHROMIUM	21		mg/Kg
7440-50-8	COPPER	270		mg/Kg
7439-89-6	IRON	11,000		mg/Kg
7440-09-7	POTASSIUM	510		mg/Kg
7439-95-4	MAGNESIUM	5,000		mg/Kg
7439-96-5	MANGANESE	100		mg/Kg
7440-23-5	SODIUM	2,400		mg/Kg
7440-02-0	NICKEL	39		mg/Kg
7439-92-1	LEAD	170		mg/Kg
7782-49-2	SELENIUM	---	2.6U	mg/Kg
7440-36-0	ANTIMONY	---	2.6U	mg/Kg
7440-28-0	THALLIUM	---	2.6U	mg/Kg
7440-62-2	VANADIUM	11		mg/Kg
7440-66-6	ZINC	420		mg/Kg

Analysis Type: METALS, SPLP ICP SPLP EXTRACT

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, SPLP	---	0.080U	mg/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-92-1	LEAD, TCLP	3.8		mg/L
7439-97-6	MERCURY	0.11		mg/Kg

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05236 Field/Station ID: SW-01 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	---	5.0U J	ug/L
7429-90-5	ALUMINUM	---	100U	ug/L
7440-38-2	ARSENIC	---	8.0U	ug/L
7440-39-3	BARIUM	---	100U	ug/L
7440-41-7	BERYLLIUM	---	3.0U	ug/L
7440-70-2	CALCIUM	220,000		ug/L
7440-43-9	CADMIUM	---	3.0U	ug/L
7440-48-4	COBALT	---	20U	ug/L
7440-47-3	CHROMIUM	---	5.0U	ug/L
7440-50-8	COPPER	---	10U	ug/L
7439-89-6	IRON	100		ug/L
7440-09-7	POTASSIUM	290,000	J	ug/L
7439-95-4	MAGNESIUM	690,000		ug/L
7439-96-5	MANGANESE	28		ug/L
7440-23-5	SODIUM	6,000,000		ug/L
7440-02-0	NICKEL	---	20U	ug/L
7439-92-1	LEAD	---	8.0U	ug/L
7440-36-0	ANTIMONY	---	20U J	ug/L
7782-49-2	SELENIUM	---	20U	ug/L
7440-28-0	THALLIUM	---	20U	ug/L
7440-62-2	VANADIUM	---	20U	ug/L
7440-66-6	ZINC	---	20U	ug/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-97-6	MERCURY	---	0.20U J	ug/L

AM05237 Field/Station ID: SW-02 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	---	5.0U	ug/L

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05237 Field/Station ID: SW-02 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7429-90-5	ALUMINUM	---	100U	ug/L
7440-38-2	ARSENIC	---	8.0U	ug/L
7440-39-3	BARIUM	---	100U	ug/L
7440-41-7	BERYLLIUM	---	3.0U	ug/L
7440-70-2	CALCIUM	230,000		ug/L
7440-43-9	CADMIUM	---	3.0U	ug/L
7440-48-4	COBALT	---	20U	ug/L
7440-47-3	CHROMIUM	---	5.0U	ug/L
7440-50-8	COPPER	---	10U	ug/L
7439-89-6	IRON	160		ug/L
7440-09-7	POTASSIUM	310,000		ug/L
7439-95-4	MAGNESIUM	710,000		ug/L
7439-96-5	MANGANESE	42		ug/L
7440-23-5	SODIUM	6,100,000		ug/L
7440-02-0	NICKEL	---	20U	ug/L
7439-92-1	LEAD	---	8.0U	ug/L
7440-36-0	ANTIMONY	---	20U	ug/L
7782-49-2	SELENIUM	---	20U	ug/L
7440-28-0	THALLIUM	---	20U	ug/L
7440-62-2	VANADIUM	---	20U	ug/L
7440-66-6	ZINC	---	20U	ug/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-97-6	MERCURY	---	0.20U J	ug/L

AM05238 Field/Station ID: SW-03 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	---	5.0U	ug/L
7429-90-5	ALUMINUM	---	100U	ug/L

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05238 Field/Station ID: SW-03 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-38-2	ARSENIC	---	8.0U	ug/L
7440-39-3	BARIUM	---	100U	ug/L
7440-41-7	BERYLLIUM	---	3.0U	ug/L
7440-70-2	CALCIUM	230,000		ug/L
7440-43-9	CADMIUM	---	3.0U	ug/L
7440-48-4	COBALT	---	20U	ug/L
7440-47-3	CHROMIUM	---	5.0U	ug/L
7440-50-8	COPPER	---	10U	ug/L
7439-89-6	IRON	170		ug/L
7440-09-7	POTASSIUM	330,000		ug/L
7439-95-4	MAGNESIUM	710,000		ug/L
7439-96-5	MANGANESE	35		ug/L
7440-23-5	SODIUM	6,100,000		ug/L
7440-02-0	NICKEL	---	20U	ug/L
7439-92-1	LEAD	---	8.0U	ug/L
7440-36-0	ANTIMONY	---	20U	ug/L
7782-49-2	SELENIUM	---	20U	ug/L
7440-28-0	THALLIUM	---	20U	ug/L
7440-62-2	VANADIUM	---	20U	ug/L
7440-66-6	ZINC	---	20U	ug/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-97-6	MERCURY	---	0.20U J	ug/L

AM05239 Field/Station ID: SW-04 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	---	5.0U	ug/L
7429-90-5	ALUMINUM	---	100U	ug/L
7440-38-2	ARSENIC	---	8.0U	ug/L

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05239 Field/Station ID: SW-04 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-39-3	BARIUM	---	100U	ug/L
7440-41-7	BERYLLIUM	---	3.0U	ug/L
7440-70-2	CALCIUM	230,000		ug/L
7440-43-9	CADMIUM	---	3.0U	ug/L
7440-48-4	COBALT	---	20U	ug/L
7440-47-3	CHROMIUM	---	5.0U	ug/L
7440-50-8	COPPER	---	10U	ug/L
7439-89-6	IRON	280		ug/L
7440-09-7	POTASSIUM	330,000		ug/L
7439-95-4	MAGNESIUM	700,000		ug/L
7439-96-5	MANGANESE	42		ug/L
7440-23-5	SODIUM	6,100,000		ug/L
7440-02-0	NICKEL	---	20U	ug/L
7439-92-1	LEAD	---	8.0U	ug/L
7440-36-0	ANTIMONY	---	20U	ug/L
7782-49-2	SELENIUM	---	20U	ug/L
7440-28-0	THALLIUM	---	20U	ug/L
7440-62-2	VANADIUM	---	20U	ug/L
7440-66-6	ZINC	---	20U	ug/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-97-6	MERCURY	---	0.20U J	ug/L

AM05240 Field/Station ID: RB-05 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-22-4	SILVER	---	5.0U	ug/L
7429-90-5	ALUMINUM	---	100U	ug/L
7440-38-2	ARSENIC	---	8.0U	ug/L
7440-39-3	BARIUM	---	100U	ug/L

Refer to Page 1 for an explanation of Remark Codes

U.S. EPA Region 2 Laboratory
Data Report

Survey Name: JEWETT WHITE LEAD

Project Number: 10100024

*Sorted By Sample ID

AM05240 Field/Station ID: RB-05 Date Received: 11/23/2010
Matrix: Aqueous

Sample Description:

Analysis Type: METALS TAL ICP AQUEOUS

CAS Number	Analyte Name	Result	Remark Codes	Units
7440-41-7	BERYLLIUM	---	3.0U	ug/L
7440-70-2	CALCIUM	---	500U	ug/L
7440-43-9	CADMIUM	---	3.0U	ug/L
7440-48-4	COBALT	---	20U	ug/L
7440-47-3	CHROMIUM	---	5.0U	ug/L
7440-50-8	COPPER	---	10U	ug/L
7439-89-6	IRON	---	50U	ug/L
7440-09-7	POTASSIUM	---	500U	ug/L
7439-95-4	MAGNESIUM	---	500U	ug/L
7439-96-5	MANGANESE	---	5.0U	ug/L
7440-23-5	SODIUM	2,900		ug/L
7440-02-0	NICKEL	---	20U	ug/L
7439-92-1	LEAD	---	8.0U	ug/L
7440-36-0	ANTIMONY	---	20U	ug/L
7782-49-2	SELENIUM	---	20U	ug/L
7440-28-0	THALLIUM	---	20U	ug/L
7440-62-2	VANADIUM	---	20U	ug/L
7440-66-6	ZINC	---	20U	ug/L

Single Component Analyses

CAS Number	Analyte Name	Result	Remark Codes	Units
7439-97-6	MERCURY	---	0.20U J	ug/L

Project Approval: _____ **Date:** _____

Refer to Page 1 for an explanation of Remark Codes

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EPA

PLEASE TAKE A MOMENT TO HELP US SERVE YOU BETTER

This survey is designed to provide feedback to the Region 2 Laboratory concerning our performance. Our goal is to provide you with timely, high quality data for environmental decision making. Your input will greatly improve our ability to provide the highest quality service for all facets of your analytical needs. Please circle the appropriate number for each of the four questions below. Thank you for your assistance.

Project Name/Project Number: Jewett White Lead #10100024

	Poor				Excellent	
1. Planning: Did the scheduling of your project meet your needs?	1	2	3	4	5	NA
2. Timeliness: Did you receive the work product in the time promised?	1	2	3	4	5	NA
3. Quality: Was the quality of the work product acceptable?	1	2	3	4	5	NA
4. Communication: Was communication clear and timely?	1	2	3	4	5	NA

Please provide comments on your overall experience with our laboratory: