



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 2 Laboratory  
2890 Woodbridge Avenue  
Edison , New Jersey 08837  
732-906-6886 Phone  
732-906-6165 Fax

Approval Form / Project Checklist

Project Number: 1209071

Report Date: November 5, 2012

Project/Survey Name: Jewett White Lead - 1209071

Addressee: Environmental Response Team (ERT)  
Cheryl Hawkins  
2890 Woodbridge Ave Building 209 MS

CC: Cheryl Hawkins

211

Comments

Approvals

		NAME:	Signature/Date
	OSCAR Report Coord.	Michelle L. Schwartz	Michelle L. Schwartz 11/5/2012
	Special Projects Coord.	John Birri	John Birri 11/6/12
	Laboratory QAO	Sumy Cherukara	Sumy Cherukara 11/6/12
	Laboratory Branch Chief	John Bourbon	John Bourbon 11/6/12



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## Approval Form / Project Checklist

Project Number: 1209071

Project/Survey Name: Jewett White Lead - 1209071

### Project File Information

File Core Data					
1	Project Report – 1 Copy	✓	13	Sanitary Chemistry	✓
2	Project Narrative – 1 Copy	✓			
3	Analytical Request Form (ARF)	✓			
4	External Chain of Custody Forms	✓			
5	Shipping Forms/Air Bills	N/A			
6	Sample Acceptance Checklist(s)	✓			
7	Internal Chain of Custody Form(s)	N/A			
8	OSCAR Sample Tracking Log	✓			
9	Project Correspondence	✓			
Area Specific Raw Data					
11	Organics		14	Microbiology	
	VOAs				
	NVOAs				
	PCBs				
	Pesticides				
	Haloacetic Acids				
	MEE				
12	Metals		15	Biology	
	ICP-AES	✓			
	ICP-MS				
	CVAAS – Mercury	✓			
	DMA - Mercury				



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**Region 2 Laboratory  
2890 Woodbridge Avenue  
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November 06, 2012

Cheryl Hawkins  
Environmental Response Team (ERT)  
2890 Woodbridge Ave Building 209 MS 211  
Edison, NJ 08837

RE: Jewett White Lead - 1209071

Enclosed are the results of analyses for samples received by the laboratory on 09/28/2012. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1209071 and contact John Birri by phone at 732-906-6886, or via Email at [birri.john@epa.gov](mailto:birri.john@epa.gov).

Sincerely,

A handwritten signature in black ink, which appears to read "John R. Bourbon". The signature is fluid and cursive, with the first name "John" being the most prominent.

John R. Bourbon  
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

**Project Narrative:**

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.

Condition Comments

None

Comment(s):

None

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.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
138-081011-0119	1209071-01	Aqueous	09/27/2012 13:25	09/28/2012 10:40
138-081111-0061	1209071-02	Solid	09/27/2012 09:35	09/28/2012 10:40
138-081111-0062	1209071-03	Solid	09/27/2012 09:45	09/28/2012 10:40
138-081111-0063	1209071-04	Solid	09/27/2012 09:55	09/28/2012 10:40
138-081111-0064	1209071-05	Solid	09/27/2012 10:00	09/28/2012 10:40
138-081111-0065	1209071-06	Solid	09/27/2012 10:05	09/28/2012 10:40
138-081111-0066	1209071-07	Solid	09/27/2012 10:10	09/28/2012 10:40
138-081111-0067	1209071-08	Solid	09/27/2012 10:15	09/28/2012 10:40
138-081111-0068	1209071-09	Solid	09/27/2012 10:25	09/28/2012 10:40
138-081111-0069	1209071-10	Solid	09/27/2012 10:35	09/28/2012 10:40
138-081111-0070	1209071-11	Solid	09/27/2012 11:15	09/28/2012 10:40
138-081111-0071	1209071-12	Solid	09/27/2012 11:20	09/28/2012 10:40
138-081111-0072	1209071-13	Solid	09/27/2012 11:25	09/28/2012 10:40
138-081111-0079	1209071-14	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0080	1209071-15	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0081	1209071-16	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0082	1209071-17	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0083	1209071-18	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0084	1209071-19	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0085	1209071-20	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0086	1209071-21	Solid	09/27/2012 12:15	09/28/2012 10:40
138-081111-0088	1209071-22	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0089	1209071-23	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0090	1209071-24	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0091	1209071-25	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0092	1209071-26	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0093	1209071-27	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0094	1209071-28	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0095	1209071-29	Solid	09/27/2012 13:05	09/28/2012 10:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
138-081111-0096	1209071-30	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0097	1209071-31	Solid	09/27/2012 13:35	09/28/2012 10:40
138-081111-0098	1209071-32	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0099	1209071-33	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0100	1209071-34	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0101	1209071-35	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0106	1209071-36	Solid	09/27/2012 14:00	09/28/2012 10:40
138-081111-0107	1209071-37	Solid	09/27/2012 14:05	09/28/2012 10:40
138-081111-0108	1209071-38	Solid	09/27/2012 14:10	09/28/2012 10:40
138-081111-0115	1209071-39	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0116	1209071-40	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0117	1209071-41	Solid	09/27/2012 13:40	09/28/2012 10:40



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**Region 2 Laboratory**

**Project: Jewett White Lead - 1209071**

**Project Number: 1209071**

**SUMMARY REPORT FOR METHODS**

<b>Analysis</b>	<b>Method</b>	<b>Certification</b>	<b>Matrix</b>
Mercury	EPA 245.1 / SOP C-110	NELAP	Solid
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Aqueous
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Solid



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081011-0119

Sample ID: 1209071-01

Metals ICP

Aluminum	---	U	100	ug/L
Antimony	---	U	20	ug/L
Arsenic	---	U	8.0	ug/L
Barium	---	U	100	ug/L
Beryllium	---	U	3.0	ug/L
Cadmium	---	U	3.0	ug/L
Calcium	---	U	500	ug/L
Chromium	---	U	5.0	ug/L
Cobalt	---	U	20	ug/L
Copper	---	U	10	ug/L
Iron	---	U	50	ug/L
Lead	---	U	8.0	ug/L
Magnesium	---	U	500	ug/L
Manganese	---	U	5.0	ug/L
Molybdenum	---	U	10	ug/L
Nickel	---	U	20	ug/L
Potassium	---	U	500	ug/L
Selenium	---	U	20	ug/L
Silver	---	U	5.0	ug/L
Sodium	---	U	1000	ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081011-0119

Sample ID: 1209071-01

Metals ICP

Thallium	---	U	20	ug/L
Vanadium	---	U	20	ug/L
Zinc	---	U	20	ug/L

Field ID: 138-081111-0061

Sample ID: 1209071-02

Metals ICP

Aluminum	3300		8.8	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	2.9		0.70	mg/kg dry
Barium	14	K	8.8	mg/kg dry
Beryllium	---	U	0.26	mg/kg dry
Cadmium	---	U	0.26	mg/kg dry
Calcium	1400		44	mg/kg dry
Chromium	12		0.44	mg/kg dry
Cobalt	3.5		1.8	mg/kg dry
Copper	9.3	K	0.88	mg/kg dry
Iron	13000		4.4	mg/kg dry
Lead	41		0.70	mg/kg dry
Magnesium	2500		44	mg/kg dry
Manganese	160		0.44	mg/kg dry
Molybdenum	3.1		0.88	mg/kg dry
Nickel	9.4	K	1.8	mg/kg dry
Potassium	620		44	mg/kg dry
Selenium	---	U	1.8	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0061

Sample ID: 1209071-02

Metals ICP

Silver	---	U	0.44	mg/kg dry
Sodium	3800		88	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	16		1.8	mg/kg dry
Zinc	35		1.8	mg/kg dry

Mercury CVAA

Mercury	0.098		0.050	mg/kg dry
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Field ID: 138-081111-0062

Sample ID: 1209071-03

Metals ICP

Aluminum	1900		11	mg/kg dry
Antimony	---	U	2.2	mg/kg dry
Arsenic	1.2		0.88	mg/kg dry
Barium	12		11	mg/kg dry
Beryllium	---	U	0.33	mg/kg dry
Cadmium	---	U	0.33	mg/kg dry
Calcium	480		55	mg/kg dry
Chromium	7.2		0.55	mg/kg dry
Cobalt	3.2		2.2	mg/kg dry
Copper	17		1.1	mg/kg dry
Iron	6800		5.5	mg/kg dry
Lead	23		0.88	mg/kg dry
Magnesium	1300		55	mg/kg dry
Manganese	76		0.55	mg/kg dry



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Project Number: 1209071

Report Date: November 5, 2012

Project/Survey Name: Jewett White Lead - 1209071

Addressee: Environmental Response Team (ERT)  
Cheryl Hawkins  
2890 Woodbridge Ave Building 209 MS

CC: Cheryl Hawkins

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Comments

Approvals

	NAME:	Signature/Date
OSCAR Report Coord.	Michelle L. Schwartz	Michelle L. Schwartz 11/5/2012
Special Projects Coord.	John Birri	J. Birri 11/6/12
Laboratory QAO	Sumy Cherukara	Sumy Cherukara 11/6/12
Laboratory Branch Chief	John Bourbon	John Bourbon 11/6/12





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Project/Survey Name: Jewett White Lead - 1209071

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8	OSCAR Sample Tracking Log	✓			
9	Project Correspondence	✓			
Area Specific Raw Data					
11	Organics		14	Microbiology	
	VOAs				
	NVOAs				
	PCBs				
	Pesticides				
	Haloacetic Acids				
	MEE				
12	Metals		15	Biology	
	ICP-AES	✓			
	ICP-MS				
	CVAAS – Mercury	✓			
	DMA - Mercury				



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November 06, 2012

Cheryl Hawkins  
Environmental Response Team (ERT)  
2890 Woodbridge Ave Building 209 MS 211  
Edison, NJ 08837

RE: Jewett White Lead - 1209071

Enclosed are the results of analyses for samples received by the laboratory on 09/28/2012. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1209071 and contact John Birri by phone at 732-906-6886, or via Email at [birri.john@epa.gov](mailto:birri.john@epa.gov).

Sincerely,

John R. Bourbon  
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

**Project Narrative:**

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Condition Comments

None

Comment(s):

None

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.
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Reporting Limit(s):

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

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138-081111-0064	1209071-05	Solid	09/27/2012 10:00	09/28/2012 10:40
138-081111-0065	1209071-06	Solid	09/27/2012 10:05	09/28/2012 10:40
138-081111-0066	1209071-07	Solid	09/27/2012 10:10	09/28/2012 10:40
138-081111-0067	1209071-08	Solid	09/27/2012 10:15	09/28/2012 10:40
138-081111-0068	1209071-09	Solid	09/27/2012 10:25	09/28/2012 10:40
138-081111-0069	1209071-10	Solid	09/27/2012 10:35	09/28/2012 10:40
138-081111-0070	1209071-11	Solid	09/27/2012 11:15	09/28/2012 10:40
138-081111-0071	1209071-12	Solid	09/27/2012 11:20	09/28/2012 10:40
138-081111-0072	1209071-13	Solid	09/27/2012 11:25	09/28/2012 10:40
138-081111-0079	1209071-14	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0080	1209071-15	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0081	1209071-16	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0082	1209071-17	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0083	1209071-18	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0084	1209071-19	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0085	1209071-20	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0086	1209071-21	Solid	09/27/2012 12:15	09/28/2012 10:40
138-081111-0088	1209071-22	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0089	1209071-23	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0090	1209071-24	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0091	1209071-25	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0092	1209071-26	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0093	1209071-27	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0094	1209071-28	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0095	1209071-29	Solid	09/27/2012 13:05	09/28/2012 10:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
138-081111-0096	1209071-30	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0097	1209071-31	Solid	09/27/2012 13:35	09/28/2012 10:40
138-081111-0098	1209071-32	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0099	1209071-33	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0100	1209071-34	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0101	1209071-35	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0106	1209071-36	Solid	09/27/2012 14:00	09/28/2012 10:40
138-081111-0107	1209071-37	Solid	09/27/2012 14:05	09/28/2012 10:40
138-081111-0108	1209071-38	Solid	09/27/2012 14:10	09/28/2012 10:40
138-081111-0115	1209071-39	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0116	1209071-40	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0117	1209071-41	Solid	09/27/2012 13:40	09/28/2012 10:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Mercury	EPA 245.1 / SOP C-110	NELAP	Solid
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Aqueous
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Solid



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081011-0119			Sample ID: 1209071-01	

Metals ICP

Aluminum	---	U	100	ug/L
Antimony	---	U	20	ug/L
Arsenic	---	U	8.0	ug/L
Barium	---	U	100	ug/L
Beryllium	---	U	3.0	ug/L
Cadmium	---	U	3.0	ug/L
Calcium	---	U	500	ug/L
Chromium	---	U	5.0	ug/L
Cobalt	---	U	20	ug/L
Copper	---	U	10	ug/L
Iron	---	U	50	ug/L
Lead	---	U	8.0	ug/L
Magnesium	---	U	500	ug/L
Manganese	---	U	5.0	ug/L
Molybdenum	---	U	10	ug/L
Nickel	---	U	20	ug/L
Potassium	---	U	500	ug/L
Selenium	---	U	20	ug/L
Silver	---	U	5.0	ug/L
Sodium	---	U	1000	ug/L





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Region 2 Laboratory

Project: Jewett White Lead - 1209071

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081011-0119

Sample ID: 1209071-01

Metals ICP

Thallium	---	U	20	ug/L
Vanadium	---	U	20	ug/L
Zinc	---	U	20	ug/L

Field ID: 138-081111-0061

Sample ID: 1209071-02

Metals ICP

Aluminum	3300		8.8	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	2.9		0.70	mg/kg dry
Barium	14	K	8.8	mg/kg dry
Beryllium	---	U	0.26	mg/kg dry
Cadmium	---	U	0.26	mg/kg dry
Calcium	1400		44	mg/kg dry
Chromium	12		0.44	mg/kg dry
Cobalt	3.5		1.8	mg/kg dry
Copper	9.3	K	0.88	mg/kg dry
Iron	13000		4.4	mg/kg dry
Lead	41		0.70	mg/kg dry
Magnesium	2500		44	mg/kg dry
Manganese	160		0.44	mg/kg dry
Molybdenum	3.1		0.88	mg/kg dry
Nickel	9.4	K	1.8	mg/kg dry
Potassium	620		44	mg/kg dry
Selenium	---	U	1.8	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0061			Sample ID: 1209071-02	

Metals ICP

Silver	---	U	0.44	mg/kg dry
Sodium	3800		88	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	16		1.8	mg/kg dry
Zinc	35		1.8	mg/kg dry

Mercury CVAA

Mercury	0.098		0.050	mg/kg dry
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Field ID: 138-081111-0062			Sample ID: 1209071-03	
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Metals ICP

Aluminum	1900		11	mg/kg dry
Antimony	---	U	2.2	mg/kg dry
Arsenic	1.2		0.88	mg/kg dry
Barium	12		11	mg/kg dry
Beryllium	---	U	0.33	mg/kg dry
Cadmium	---	U	0.33	mg/kg dry
Calcium	480		55	mg/kg dry
Chromium	7.2		0.55	mg/kg dry
Cobalt	3.2		2.2	mg/kg dry
Copper	17		1.1	mg/kg dry
Iron	6800		5.5	mg/kg dry
Lead	23		0.88	mg/kg dry
Magnesium	1300		55	mg/kg dry
Manganese	76		0.55	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0062

Sample ID: 1209071-03

Metals ICP

Molybdenum	1.9		1.1	mg/kg dry
Nickel	7.2		2.2	mg/kg dry
Potassium	300		55	mg/kg dry
Selenium	---	U	2.2	mg/kg dry
Silver	---	U	0.55	mg/kg dry
Sodium	1300		110	mg/kg dry
Thallium	---	U	2.2	mg/kg dry
Vanadium	4.8		2.2	mg/kg dry
Zinc	140		2.2	mg/kg dry

Field ID: 138-081111-0063

Sample ID: 1209071-04

Metals ICP

Aluminum	4200		13	mg/kg dry
Antimony	---	U	2.6	mg/kg dry
Arsenic	3.2		1.0	mg/kg dry
Barium	23		13	mg/kg dry
Beryllium	---	U	0.38	mg/kg dry
Cadmium	---	U	0.38	mg/kg dry
Calcium	830		64	mg/kg dry
Chromium	12		0.64	mg/kg dry
Cobalt	4.4		2.6	mg/kg dry
Copper	5.7		1.3	mg/kg dry
Iron	13000		6.4	mg/kg dry
Lead	6.0		1.0	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0063

Sample ID: 1209071-04

Metals ICP

Magnesium	2000		64	mg/kg dry
Manganese	140		0.64	mg/kg dry
Molybdenum	2.7		1.3	mg/kg dry
Nickel	9.2		2.6	mg/kg dry
Potassium	730		64	mg/kg dry
Selenium	---	U	2.6	mg/kg dry
Silver	---	U	0.64	mg/kg dry
Sodium	1400		130	mg/kg dry
Thallium	---	U	2.6	mg/kg dry
Vanadium	14		2.6	mg/kg dry
Zinc	28		2.6	mg/kg dry

Field ID: 138-081111-0064

Sample ID: 1209071-05

Metals ICP

Aluminum	3000		12	mg/kg dry
Antimony	---	U	2.3	mg/kg dry
Arsenic	2.1		0.92	mg/kg dry
Barium	20		12	mg/kg dry
Beryllium	---	U	0.35	mg/kg dry
Cadmium	---	U	0.35	mg/kg dry
Calcium	780		58	mg/kg dry
Chromium	12		0.58	mg/kg dry
Cobalt	3.7		2.3	mg/kg dry
Copper	4.3		1.2	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0064

Sample ID: 1209071-05

Metals ICP

Iron	10000		5.8	mg/kg dry
Lead	5.1		0.92	mg/kg dry
Magnesium	1400		58	mg/kg dry
Manganese	180		0.58	mg/kg dry
Molybdenum	3.6		1.2	mg/kg dry
Nickel	11		2.3	mg/kg dry
Potassium	470		58	mg/kg dry
Selenium	---	U	2.3	mg/kg dry
Silver	---	U	0.58	mg/kg dry
Sodium	510		120	mg/kg dry
Thallium	---	U	2.3	mg/kg dry
Vanadium	11		2.3	mg/kg dry
Zinc	21		2.3	mg/kg dry

Field ID: 138-081111-0065

Sample ID: 1209071-06

Metals ICP

Aluminum	7600		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	2.7		0.97	mg/kg dry
Barium	72		12	mg/kg dry
Beryllium	---	U	0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry
Calcium	2000		61	mg/kg dry
Chromium	34		0.61	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0065

Sample ID: 1209071-06

Metals ICP

Cobalt	7.3		2.4	mg/kg dry
Copper	8.6		1.2	mg/kg dry
Iron	12000		6.1	mg/kg dry
Lead	9.6		0.97	mg/kg dry
Magnesium	2800		61	mg/kg dry
Manganese	210		0.61	mg/kg dry
Molybdenum	1.2		1.2	mg/kg dry
Nickel	36		2.4	mg/kg dry
Potassium	580		61	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.61	mg/kg dry
Sodium	620		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	28		2.4	mg/kg dry
Zinc	38		2.4	mg/kg dry

Field ID: 138-081111-0066

Sample ID: 1209071-07

Metals ICP

Aluminum	9100		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	2.4		0.95	mg/kg dry
Barium	94		12	mg/kg dry
Beryllium	0.42		0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0066

Sample ID: 1209071-07

Metals ICP

Calcium	2500		59	mg/kg dry
Chromium	44		0.59	mg/kg dry
Cobalt	6.6		2.4	mg/kg dry
Copper	8.7		1.2	mg/kg dry
Iron	12000		5.9	mg/kg dry
Lead	11		0.95	mg/kg dry
Magnesium	2900		59	mg/kg dry
Manganese	180		0.59	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	37		2.4	mg/kg dry
Potassium	640		59	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.59	mg/kg dry
Sodium	670		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	37		2.4	mg/kg dry
Zinc	39		2.4	mg/kg dry

Field ID: 138-081111-0067

Sample ID: 1209071-08

Metals ICP

Aluminum	5500		14	mg/kg dry
Antimony	---	U	2.8	mg/kg dry
Arsenic	3.7		1.1	mg/kg dry
Barium	61		14	mg/kg dry





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0067

Sample ID: 1209071-08

Metals ICP

Beryllium	---	U	0.41	mg/kg dry
Cadmium	---	U	0.41	mg/kg dry
Calcium	2100		69	mg/kg dry
Chromium	37		0.69	mg/kg dry
Cobalt	3.7		2.8	mg/kg dry
Copper	8.5		1.4	mg/kg dry
Iron	9200		6.9	mg/kg dry
Lead	7.3		1.1	mg/kg dry
Magnesium	1900		69	mg/kg dry
Manganese	130		0.69	mg/kg dry
Molybdenum	---	U	1.4	mg/kg dry
Nickel	19		2.8	mg/kg dry
Potassium	520		69	mg/kg dry
Selenium	---	U	2.8	mg/kg dry
Silver	---	U	0.69	mg/kg dry
Sodium	510		140	mg/kg dry
Thallium	---	U	2.8	mg/kg dry
Vanadium	21		2.8	mg/kg dry
Zinc	29		2.8	mg/kg dry

Field ID: 138-081111-0068

Sample ID: 1209071-09

Metals ICP

Aluminum	4200		5.2	mg/kg dry
Antimony	---	U	1.0	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0068

Sample ID: 1209071-09

Metals ICP

Arsenic	4.1		0.41	mg/kg dry
Barium	31		5.2	mg/kg dry
Beryllium	0.16		0.16	mg/kg dry
Cadmium	---	U	0.16	mg/kg dry
Calcium	790		26	mg/kg dry
Chromium	26		0.26	mg/kg dry
Cobalt	4.0		1.0	mg/kg dry
Copper	5.7		0.52	mg/kg dry
Iron	8600		2.6	mg/kg dry
Lead	7.5		0.41	mg/kg dry
Magnesium	1700		26	mg/kg dry
Manganese	73		0.26	mg/kg dry
Molybdenum	---	U	0.52	mg/kg dry
Nickel	17		1.0	mg/kg dry
Potassium	510		26	mg/kg dry
Selenium	---	U	1.0	mg/kg dry
Silver	---	U	0.26	mg/kg dry
Sodium	270		52	mg/kg dry
Thallium	---	U	1.0	mg/kg dry
Vanadium	20		1.0	mg/kg dry
Zinc	26		1.0	mg/kg dry

Field ID: 138-081111-0069

Sample ID: 1209071-10

Metals ICP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0069

Sample ID: 1209071-10

Metals ICP

Aluminum	3700		5.6	mg/kg dry
Antimony	---	U	1.1	mg/kg dry
Arsenic	2.5		0.45	mg/kg dry
Barium	27		5.6	mg/kg dry
Beryllium	0.17		0.17	mg/kg dry
Cadmium	---	U	0.17	mg/kg dry
Calcium	620		28	mg/kg dry
Chromium	20		0.28	mg/kg dry
Cobalt	4.0		1.1	mg/kg dry
Copper	4.4		0.56	mg/kg dry
Iron	8500		2.8	mg/kg dry
Lead	5.9		0.45	mg/kg dry
Magnesium	1600		28	mg/kg dry
Manganese	75		0.28	mg/kg dry
Molybdenum	---	U	0.56	mg/kg dry
Nickel	14		1.1	mg/kg dry
Potassium	290		28	mg/kg dry
Selenium	---	U	1.1	mg/kg dry
Silver	---	U	0.28	mg/kg dry
Sodium	160		56	mg/kg dry
Thallium	---	U	1.1	mg/kg dry
Vanadium	21		1.1	mg/kg dry
Zinc	23		1.1	mg/kg dry





# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 2 Laboratory  
2890 Woodbridge Avenue  
Edison , New Jersey 08837  
732-906-6886 Phone  
732-906-6165 Fax

## Approval Form / Project Checklist

Project Number: 1209071

Project/Survey Name: Jewett White Lead - 1209071

### Project File Information

File Core Data					
1	Project Report – 1 Copy	✓	13	Sanitary Chemistry	✓
2	Project Narrative – 1 Copy	✓			
3	Analytical Request Form (ARF)	✓			
4	External Chain of Custody Forms	✓			
5	Shipping Forms/Air Bills	N/A			
6	Sample Acceptance Checklist(s)	✓			
7	Internal Chain of Custody Form(s)	N/A			
8	OSCAR Sample Tracking Log	✓			
9	Project Correspondence	✓			
Area Specific Raw Data					
11	Organics		14	Microbiology	
	VOAs				
	NVOAs				
	PCBs				
	Pesticides				
	Haloacetic Acids				
	MEE				
12	Metals		15	Biology	
	ICP-AES	✓			
	ICP-MS				
	CVAAS – Mercury	✓			
	DMA - Mercury				



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**Region 2 Laboratory  
2890 Woodbridge Avenue  
Edison , New Jersey 08837  
732-906-6886 Phone  
732-906-6165 Fax**

November 06, 2012

Cheryl Hawkins  
Environmental Response Team (ERT)  
2890 Woodbridge Ave Building 209 MS 211  
Edison, NJ 08837

RE: Jewett White Lead - 1209071

Enclosed are the results of analyses for samples received by the laboratory on 09/28/2012. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1209071 and contact John Birri by phone at 732-906-6886, or via Email at [birri.john@epa.gov](mailto:birri.john@epa.gov).

Sincerely,

John R. Bourbon  
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

**Project Narrative:**

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.

Condition Comments

None

Comment(s):

None

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.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
138-081011-0119	1209071-01	Aqueous	09/27/2012 13:25	09/28/2012 10:40
138-081111-0061	1209071-02	Solid	09/27/2012 09:35	09/28/2012 10:40
138-081111-0062	1209071-03	Solid	09/27/2012 09:45	09/28/2012 10:40
138-081111-0063	1209071-04	Solid	09/27/2012 09:55	09/28/2012 10:40
138-081111-0064	1209071-05	Solid	09/27/2012 10:00	09/28/2012 10:40
138-081111-0065	1209071-06	Solid	09/27/2012 10:05	09/28/2012 10:40
138-081111-0066	1209071-07	Solid	09/27/2012 10:10	09/28/2012 10:40
138-081111-0067	1209071-08	Solid	09/27/2012 10:15	09/28/2012 10:40
138-081111-0068	1209071-09	Solid	09/27/2012 10:25	09/28/2012 10:40
138-081111-0069	1209071-10	Solid	09/27/2012 10:35	09/28/2012 10:40
138-081111-0070	1209071-11	Solid	09/27/2012 11:15	09/28/2012 10:40
138-081111-0071	1209071-12	Solid	09/27/2012 11:20	09/28/2012 10:40
138-081111-0072	1209071-13	Solid	09/27/2012 11:25	09/28/2012 10:40
138-081111-0079	1209071-14	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0080	1209071-15	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0081	1209071-16	Solid	09/27/2012 12:00	09/28/2012 10:40
138-081111-0082	1209071-17	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0083	1209071-18	Solid	09/27/2012 12:05	09/28/2012 10:40
138-081111-0084	1209071-19	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0085	1209071-20	Solid	09/27/2012 12:10	09/28/2012 10:40
138-081111-0086	1209071-21	Solid	09/27/2012 12:15	09/28/2012 10:40
138-081111-0088	1209071-22	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0089	1209071-23	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0090	1209071-24	Solid	09/27/2012 12:55	09/28/2012 10:40
138-081111-0091	1209071-25	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0092	1209071-26	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0093	1209071-27	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0094	1209071-28	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0095	1209071-29	Solid	09/27/2012 13:05	09/28/2012 10:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
138-081111-0096	1209071-30	Solid	09/27/2012 13:05	09/28/2012 10:40
138-081111-0097	1209071-31	Solid	09/27/2012 13:35	09/28/2012 10:40
138-081111-0098	1209071-32	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0099	1209071-33	Solid	09/27/2012 13:40	09/28/2012 10:40
138-081111-0100	1209071-34	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0101	1209071-35	Solid	09/27/2012 13:45	09/28/2012 10:40
138-081111-0106	1209071-36	Solid	09/27/2012 14:00	09/28/2012 10:40
138-081111-0107	1209071-37	Solid	09/27/2012 14:05	09/28/2012 10:40
138-081111-0108	1209071-38	Solid	09/27/2012 14:10	09/28/2012 10:40
138-081111-0115	1209071-39	Solid	09/27/2012 11:55	09/28/2012 10:40
138-081111-0116	1209071-40	Solid	09/27/2012 13:00	09/28/2012 10:40
138-081111-0117	1209071-41	Solid	09/27/2012 13:40	09/28/2012 10:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Mercury	EPA 245.1 / SOP C-110	NELAP	Solid
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Aqueous
Metals ICP TAL	EPA 200.7 / SOP C-109	NELAP	Solid



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081011-0119

Sample ID: 1209071-01

Metals ICP

Aluminum	---	U	100	ug/L
Antimony	---	U	20	ug/L
Arsenic	---	U	8.0	ug/L
Barium	---	U	100	ug/L
Beryllium	---	U	3.0	ug/L
Cadmium	---	U	3.0	ug/L
Calcium	---	U	500	ug/L
Chromium	---	U	5.0	ug/L
Cobalt	---	U	20	ug/L
Copper	---	U	10	ug/L
Iron	---	U	50	ug/L
Lead	---	U	8.0	ug/L
Magnesium	---	U	500	ug/L
Manganese	---	U	5.0	ug/L
Molybdenum	---	U	10	ug/L
Nickel	---	U	20	ug/L
Potassium	---	U	500	ug/L
Selenium	---	U	20	ug/L
Silver	---	U	5.0	ug/L
Sodium	---	U	1000	ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081011-0119

Sample ID: 1209071-01

Metals ICP

Thallium	---	U	20	ug/L
Vanadium	---	U	20	ug/L
Zinc	---	U	20	ug/L

Field ID: 138-081111-0061

Sample ID: 1209071-02

Metals ICP

Aluminum	3300		8.8	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	2.9		0.70	mg/kg dry
Barium	14	K	8.8	mg/kg dry
Beryllium	---	U	0.26	mg/kg dry
Cadmium	---	U	0.26	mg/kg dry
Calcium	1400		44	mg/kg dry
Chromium	12		0.44	mg/kg dry
Cobalt	3.5		1.8	mg/kg dry
Copper	9.3	K	0.88	mg/kg dry
Iron	13000		4.4	mg/kg dry
Lead	41		0.70	mg/kg dry
Magnesium	2500		44	mg/kg dry
Manganese	160		0.44	mg/kg dry
Molybdenum	3.1		0.88	mg/kg dry
Nickel	9.4	K	1.8	mg/kg dry
Potassium	620		44	mg/kg dry
Selenium	---	U	1.8	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0061			Sample ID: 1209071-02	

Metals ICP

Silver	---	U	0.44	mg/kg dry
Sodium	3800		88	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	16		1.8	mg/kg dry
Zinc	35		1.8	mg/kg dry

Mercury CVAA

Mercury	0.098		0.050	mg/kg dry
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Field ID: 138-081111-0062			Sample ID: 1209071-03	
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Metals ICP

Aluminum	1900		11	mg/kg dry
Antimony	---	U	2.2	mg/kg dry
Arsenic	1.2		0.88	mg/kg dry
Barium	12		11	mg/kg dry
Beryllium	---	U	0.33	mg/kg dry
Cadmium	---	U	0.33	mg/kg dry
Calcium	480		55	mg/kg dry
Chromium	7.2		0.55	mg/kg dry
Cobalt	3.2		2.2	mg/kg dry
Copper	17		1.1	mg/kg dry
Iron	6800		5.5	mg/kg dry
Lead	23		0.88	mg/kg dry
Magnesium	1300		55	mg/kg dry
Manganese	76		0.55	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0062

Sample ID: 1209071-03

Metals ICP

Molybdenum	1.9		1.1	mg/kg dry
Nickel	7.2		2.2	mg/kg dry
Potassium	300		55	mg/kg dry
Selenium	---	U	2.2	mg/kg dry
Silver	---	U	0.55	mg/kg dry
Sodium	1300		110	mg/kg dry
Thallium	---	U	2.2	mg/kg dry
Vanadium	4.8		2.2	mg/kg dry
Zinc	140		2.2	mg/kg dry

Field ID: 138-081111-0063

Sample ID: 1209071-04

Metals ICP

Aluminum	4200		13	mg/kg dry
Antimony	---	U	2.6	mg/kg dry
Arsenic	3.2		1.0	mg/kg dry
Barium	23		13	mg/kg dry
Beryllium	---	U	0.38	mg/kg dry
Cadmium	---	U	0.38	mg/kg dry
Calcium	830		64	mg/kg dry
Chromium	12		0.64	mg/kg dry
Cobalt	4.4		2.6	mg/kg dry
Copper	5.7		1.3	mg/kg dry
Iron	13000		6.4	mg/kg dry
Lead	6.0		1.0	mg/kg dry





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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0063			Sample ID: 1209071-04	

Metals ICP

Magnesium	2000		64	mg/kg dry
Manganese	140		0.64	mg/kg dry
Molybdenum	2.7		1.3	mg/kg dry
Nickel	9.2		2.6	mg/kg dry
Potassium	730		64	mg/kg dry
Selenium	---	U	2.6	mg/kg dry
Silver	---	U	0.64	mg/kg dry
Sodium	1400		130	mg/kg dry
Thallium	---	U	2.6	mg/kg dry
Vanadium	14		2.6	mg/kg dry
Zinc	28		2.6	mg/kg dry

Field ID: 138-081111-0064	Sample ID: 1209071-05
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Metals ICP

Aluminum	3000		12	mg/kg dry
Antimony	---	U	2.3	mg/kg dry
Arsenic	2.1		0.92	mg/kg dry
Barium	20		12	mg/kg dry
Beryllium	---	U	0.35	mg/kg dry
Cadmium	---	U	0.35	mg/kg dry
Calcium	780		58	mg/kg dry
Chromium	12		0.58	mg/kg dry
Cobalt	3.7		2.3	mg/kg dry
Copper	4.3		1.2	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0064

Sample ID: 1209071-05

Metals ICP

Iron	10000		5.8	mg/kg dry
Lead	5.1		0.92	mg/kg dry
Magnesium	1400		58	mg/kg dry
Manganese	180		0.58	mg/kg dry
Molybdenum	3.6		1.2	mg/kg dry
Nickel	11		2.3	mg/kg dry
Potassium	470		58	mg/kg dry
Selenium	---	U	2.3	mg/kg dry
Silver	---	U	0.58	mg/kg dry
Sodium	510		120	mg/kg dry
Thallium	---	U	2.3	mg/kg dry
Vanadium	11		2.3	mg/kg dry
Zinc	21		2.3	mg/kg dry

Field ID: 138-081111-0065

Sample ID: 1209071-06

Metals ICP

Aluminum	7600		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	2.7		0.97	mg/kg dry
Barium	72		12	mg/kg dry
Beryllium	---	U	0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry
Calcium	2000		61	mg/kg dry
Chromium	34		0.61	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0065

Sample ID: 1209071-06

Metals ICP

Cobalt	7.3		2.4	mg/kg dry
Copper	8.6		1.2	mg/kg dry
Iron	12000		6.1	mg/kg dry
Lead	9.6		0.97	mg/kg dry
Magnesium	2800		61	mg/kg dry
Manganese	210		0.61	mg/kg dry
Molybdenum	1.2		1.2	mg/kg dry
Nickel	36		2.4	mg/kg dry
Potassium	580		61	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.61	mg/kg dry
Sodium	620		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	28		2.4	mg/kg dry
Zinc	38		2.4	mg/kg dry

Field ID: 138-081111-0066

Sample ID: 1209071-07

Metals ICP

Aluminum	9100		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	2.4		0.95	mg/kg dry
Barium	94		12	mg/kg dry
Beryllium	0.42		0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0066

Sample ID: 1209071-07

Metals ICP

Calcium	2500		59	mg/kg dry
Chromium	44		0.59	mg/kg dry
Cobalt	6.6		2.4	mg/kg dry
Copper	8.7		1.2	mg/kg dry
Iron	12000		5.9	mg/kg dry
Lead	11		0.95	mg/kg dry
Magnesium	2900		59	mg/kg dry
Manganese	180		0.59	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	37		2.4	mg/kg dry
Potassium	640		59	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.59	mg/kg dry
Sodium	670		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	37		2.4	mg/kg dry
Zinc	39		2.4	mg/kg dry

Field ID: 138-081111-0067

Sample ID: 1209071-08

Metals ICP

Aluminum	5500		14	mg/kg dry
Antimony	---	U	2.8	mg/kg dry
Arsenic	3.7		1.1	mg/kg dry
Barium	61		14	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0067			Sample ID: 1209071-08	

Metals ICP

Beryllium	---	U	0.41	mg/kg dry
Cadmium	---	U	0.41	mg/kg dry
Calcium	2100		69	mg/kg dry
Chromium	37		0.69	mg/kg dry
Cobalt	3.7		2.8	mg/kg dry
Copper	8.5		1.4	mg/kg dry
Iron	9200		6.9	mg/kg dry
Lead	7.3		1.1	mg/kg dry
Magnesium	1900		69	mg/kg dry
Manganese	130		0.69	mg/kg dry
Molybdenum	---	U	1.4	mg/kg dry
Nickel	19		2.8	mg/kg dry
Potassium	520		69	mg/kg dry
Selenium	---	U	2.8	mg/kg dry
Silver	---	U	0.69	mg/kg dry
Sodium	510		140	mg/kg dry
Thallium	---	U	2.8	mg/kg dry
Vanadium	21		2.8	mg/kg dry
Zinc	29		2.8	mg/kg dry

Field ID: 138-081111-0068	Sample ID: 1209071-09
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Metals ICP

Aluminum	4200		5.2	mg/kg dry
Antimony	---	U	1.0	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0068

Sample ID: 1209071-09

Metals ICP

Arsenic	4.1		0.41	mg/kg dry
Barium	31		5.2	mg/kg dry
Beryllium	0.16		0.16	mg/kg dry
Cadmium	---	U	0.16	mg/kg dry
Calcium	790		26	mg/kg dry
Chromium	26		0.26	mg/kg dry
Cobalt	4.0		1.0	mg/kg dry
Copper	5.7		0.52	mg/kg dry
Iron	8600		2.6	mg/kg dry
Lead	7.5		0.41	mg/kg dry
Magnesium	1700		26	mg/kg dry
Manganese	73		0.26	mg/kg dry
Molybdenum	---	U	0.52	mg/kg dry
Nickel	17		1.0	mg/kg dry
Potassium	510		26	mg/kg dry
Selenium	---	U	1.0	mg/kg dry
Silver	---	U	0.26	mg/kg dry
Sodium	270		52	mg/kg dry
Thallium	---	U	1.0	mg/kg dry
Vanadium	20		1.0	mg/kg dry
Zinc	26		1.0	mg/kg dry

Field ID: 138-081111-0069

Sample ID: 1209071-10

Metals ICP



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0069

Sample ID: 1209071-10

Metals ICP

Aluminum	3700		5.6	mg/kg dry
Antimony	---	U	1.1	mg/kg dry
Arsenic	2.5		0.45	mg/kg dry
Barium	27		5.6	mg/kg dry
Beryllium	0.17		0.17	mg/kg dry
Cadmium	---	U	0.17	mg/kg dry
Calcium	620		28	mg/kg dry
Chromium	20		0.28	mg/kg dry
Cobalt	4.0		1.1	mg/kg dry
Copper	4.4		0.56	mg/kg dry
Iron	8500		2.8	mg/kg dry
Lead	5.9		0.45	mg/kg dry
Magnesium	1600		28	mg/kg dry
Manganese	75		0.28	mg/kg dry
Molybdenum	---	U	0.56	mg/kg dry
Nickel	14		1.1	mg/kg dry
Potassium	290		28	mg/kg dry
Selenium	---	U	1.1	mg/kg dry
Silver	---	U	0.28	mg/kg dry
Sodium	160		56	mg/kg dry
Thallium	---	U	1.1	mg/kg dry
Vanadium	21		1.1	mg/kg dry
Zinc	23		1.1	mg/kg dry





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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0070			Sample ID: 1209071-11	

Metals ICP

Aluminum	2200		6.8	mg/kg dry
Antimony	---	U	1.4	mg/kg dry
Arsenic	2.7		0.54	mg/kg dry
Barium	35		6.8	mg/kg dry
Beryllium	---	U	0.20	mg/kg dry
Cadmium	---	U	0.20	mg/kg dry
Calcium	510		34	mg/kg dry
Chromium	9.3		0.34	mg/kg dry
Cobalt	3.6		1.4	mg/kg dry
Copper	21		0.68	mg/kg dry
Iron	9700		3.4	mg/kg dry
Lead	28		0.54	mg/kg dry
Magnesium	1400		34	mg/kg dry
Manganese	310		0.34	mg/kg dry
Molybdenum	1.1		0.68	mg/kg dry
Nickel	8.7		1.4	mg/kg dry
Potassium	300		34	mg/kg dry
Selenium	---	U	1.4	mg/kg dry
Silver	---	U	0.34	mg/kg dry
Sodium	1200		68	mg/kg dry
Thallium	---	U	1.4	mg/kg dry
Vanadium	8.7		1.4	mg/kg dry
Zinc	87		1.4	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0070			Sample ID: 1209071-11	

Mercury CVAA

Mercury	0.23		0.048	mg/kg dry
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Field ID: 138-081111-0071	Sample ID: 1209071-12
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Metals ICP

Aluminum	2000		7.3	mg/kg dry
Antimony	---	U	1.5	mg/kg dry
Arsenic	3.9		0.58	mg/kg dry
Barium	66		7.3	mg/kg dry
Beryllium	---	U	0.22	mg/kg dry
Cadmium	---	U	0.22	mg/kg dry
Calcium	440		36	mg/kg dry
Chromium	14		0.36	mg/kg dry
Cobalt	4.3		1.5	mg/kg dry
Copper	5.4		0.73	mg/kg dry
Iron	11000		3.6	mg/kg dry
Lead	7.3		0.58	mg/kg dry
Magnesium	1300		36	mg/kg dry
Manganese	640	J	0.36	mg/kg dry
Molybdenum	---	U	0.73	mg/kg dry
Nickel	8.9		1.5	mg/kg dry
Potassium	330		36	mg/kg dry
Selenium	---	U	1.5	mg/kg dry
Silver	---	U	0.36	mg/kg dry
Sodium	660		73	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0071

Sample ID: 1209071-12

Metals ICP

Thallium	---	U	1.5	mg/kg dry
Vanadium	14		1.5	mg/kg dry
Zinc	20		1.5	mg/kg dry

Field ID: 138-081111-0072

Sample ID: 1209071-13

Metals ICP

Aluminum	3200		8.9	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	6.4		0.71	mg/kg dry
Barium	99		8.9	mg/kg dry
Beryllium	---	U	0.27	mg/kg dry
Cadmium	---	U	0.27	mg/kg dry
Calcium	1200		45	mg/kg dry
Chromium	8.4		0.45	mg/kg dry
Cobalt	4.8		1.8	mg/kg dry
Copper	9.6		0.89	mg/kg dry
Iron	19000		4.5	mg/kg dry
Lead	7.8		0.71	mg/kg dry
Magnesium	2000		45	mg/kg dry
Manganese	730	J	0.45	mg/kg dry
Molybdenum	---	U	0.89	mg/kg dry
Nickel	9.9		1.8	mg/kg dry
Potassium	460		45	mg/kg dry
Selenium	---	U	1.8	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0072

Sample ID: 1209071-13

Metals ICP

Silver	---	U	0.45	mg/kg dry
Sodium	1100		89	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	22		1.8	mg/kg dry
Zinc	29		1.8	mg/kg dry

Field ID: 138-081111-0079

Sample ID: 1209071-14

Metals ICP

Aluminum	2900		7.4	mg/kg dry
Antimony	6.5		1.5	mg/kg dry
Arsenic	4.9		0.59	mg/kg dry
Barium	39		7.4	mg/kg dry
Beryllium	1.0		0.22	mg/kg dry
Cadmium	0.86		0.22	mg/kg dry
Calcium	1800		37	mg/kg dry
Chromium	37		0.37	mg/kg dry
Cobalt	8.2		1.5	mg/kg dry
Copper	130		0.74	mg/kg dry
Iron	11000		3.7	mg/kg dry
Lead	340		0.59	mg/kg dry
Magnesium	2400		37	mg/kg dry
Manganese	130		0.37	mg/kg dry
Molybdenum	3.9		0.74	mg/kg dry
Nickel	38		1.5	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0079			Sample ID: 1209071-14	

Metals ICP

Potassium	520		37	mg/kg dry
Selenium	---	U	1.5	mg/kg dry
Silver	0.61		0.37	mg/kg dry
Sodium	2300		74	mg/kg dry
Thallium	---	U	1.5	mg/kg dry
Vanadium	16		1.5	mg/kg dry
Zinc	630		1.5	mg/kg dry

Mercury CVAA

Mercury	1.8		0.20	mg/kg dry
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Field ID: 138-081111-0080			Sample ID: 1209071-15	
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Metals ICP

Aluminum	3100		11	mg/kg dry
Antimony	5.4	K	2.1	mg/kg dry
Arsenic	8.0		0.86	mg/kg dry
Barium	51		11	mg/kg dry
Beryllium	4.2		0.32	mg/kg dry
Cadmium	1.0		0.32	mg/kg dry
Calcium	2700		54	mg/kg dry
Chromium	59		0.54	mg/kg dry
Cobalt	14		2.1	mg/kg dry
Copper	280		1.1	mg/kg dry
Iron	15000		5.4	mg/kg dry
Lead	1100		0.86	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0080			Sample ID: 1209071-15	

Metals ICP

Magnesium	2400		54	mg/kg dry
Manganese	170		0.54	mg/kg dry
Molybdenum	6.4	K	1.1	mg/kg dry
Nickel	70		2.1	mg/kg dry
Potassium	630		54	mg/kg dry
Selenium	---	U	2.1	mg/kg dry
Silver	1.3		0.54	mg/kg dry
Sodium	2300		110	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	16		2.1	mg/kg dry
Zinc	2100		21	mg/kg dry

Field ID: 138-081111-0081	Sample ID: 1209071-16
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Metals ICP

Aluminum	4800		7.4	mg/kg dry
Antimony	5.7		1.5	mg/kg dry
Arsenic	9.2		0.59	mg/kg dry
Barium	63		7.4	mg/kg dry
Beryllium	0.34		0.22	mg/kg dry
Cadmium	2.6		0.22	mg/kg dry
Calcium	4200		37	mg/kg dry
Chromium	86		0.37	mg/kg dry
Cobalt	5.7		1.5	mg/kg dry
Copper	100		0.74	mg/kg dry





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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0081			Sample ID: 1209071-16	

Metals ICP

Iron	15000		3.7	mg/kg dry
Lead	410		0.59	mg/kg dry
Magnesium	2900		37	mg/kg dry
Manganese	240		0.37	mg/kg dry
Molybdenum	2.2		0.74	mg/kg dry
Nickel	21		1.5	mg/kg dry
Potassium	1000		37	mg/kg dry
Selenium	---	U	1.5	mg/kg dry
Silver	2.0		0.37	mg/kg dry
Sodium	4100		74	mg/kg dry
Thallium	---	U	1.5	mg/kg dry
Vanadium	19		1.5	mg/kg dry
Zinc	280		1.5	mg/kg dry

Field ID: 138-081111-0082

Sample ID: 1209071-17

Metals ICP

Aluminum	8700		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	1.5		0.97	mg/kg dry
Barium	58		12	mg/kg dry
Beryllium	---	U	0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry
Calcium	950		60	mg/kg dry
Chromium	23		0.60	mg/kg dry





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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0082			Sample ID: 1209071-17	

Metals ICP

Cobalt	10		2.4	mg/kg dry
Copper	11		1.2	mg/kg dry
Iron	18000		6.0	mg/kg dry
Lead	8.8		0.97	mg/kg dry
Magnesium	3800		60	mg/kg dry
Manganese	130		0.60	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	16		2.4	mg/kg dry
Potassium	1200		60	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.60	mg/kg dry
Sodium	3000		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	34		2.4	mg/kg dry
Zinc	52		2.4	mg/kg dry

Field ID: 138-081111-0083	Sample ID: 1209071-18
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Metals ICP

Aluminum	9600		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	1.3		0.96	mg/kg dry
Barium	56		12	mg/kg dry
Beryllium	---	U	0.36	mg/kg dry
Cadmium	---	U	0.36	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0083

Sample ID: 1209071-18

Metals ICP

Calcium	1200		60	mg/kg dry
Chromium	27		0.60	mg/kg dry
Cobalt	7.2		2.4	mg/kg dry
Copper	10		1.2	mg/kg dry
Iron	21000		6.0	mg/kg dry
Lead	11		0.96	mg/kg dry
Magnesium	3300		60	mg/kg dry
Manganese	94		0.60	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	16		2.4	mg/kg dry
Potassium	1600		60	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.60	mg/kg dry
Sodium	2600		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	26		2.4	mg/kg dry
Zinc	55		2.4	mg/kg dry

Field ID: 138-081111-0084

Sample ID: 1209071-19

Metals ICP

Aluminum	8600		9.4	mg/kg dry
Antimony	---	U	1.9	mg/kg dry
Arsenic	1.3		0.75	mg/kg dry
Barium	36		9.4	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0084			Sample ID: 1209071-19	

Metals ICP

Beryllium	0.41		0.28	mg/kg dry
Cadmium	---	U	0.28	mg/kg dry
Calcium	1200		47	mg/kg dry
Chromium	27		0.47	mg/kg dry
Cobalt	5.1		1.9	mg/kg dry
Copper	10		0.94	mg/kg dry
Iron	15000		4.7	mg/kg dry
Lead	24		0.75	mg/kg dry
Magnesium	2900		47	mg/kg dry
Manganese	83		0.47	mg/kg dry
Molybdenum	---	U	0.94	mg/kg dry
Nickel	15		1.9	mg/kg dry
Potassium	1500		47	mg/kg dry
Selenium	---	U	1.9	mg/kg dry
Silver	---	U	0.47	mg/kg dry
Sodium	2200		94	mg/kg dry
Thallium	---	U	1.9	mg/kg dry
Vanadium	23		1.9	mg/kg dry
Zinc	50		1.9	mg/kg dry

Field ID: 138-081111-0085	Sample ID: 1209071-20
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Metals ICP

Aluminum	5100		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0085			Sample ID: 1209071-20	

Metals ICP

Arsenic	2.8		0.94	mg/kg dry
Barium	22		12	mg/kg dry
Beryllium	---	U	0.35	mg/kg dry
Cadmium	---	U	0.35	mg/kg dry
Calcium	1300		59	mg/kg dry
Chromium	22		0.59	mg/kg dry
Cobalt	5.0		2.4	mg/kg dry
Copper	6.4		1.2	mg/kg dry
Iron	8700		5.9	mg/kg dry
Lead	7.0		0.94	mg/kg dry
Magnesium	2400		59	mg/kg dry
Manganese	72		0.59	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	24		2.4	mg/kg dry
Potassium	610		59	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	---	U	0.59	mg/kg dry
Sodium	1100		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	18		2.4	mg/kg dry
Zinc	37		2.4	mg/kg dry

Field ID: 138-081111-0086

Sample ID: 1209071-21

Metals ICP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0086

Sample ID: 1209071-21

Metals ICP

Aluminum	4500		14	mg/kg dry
Antimony	---	U	2.8	mg/kg dry
Arsenic	2.8		1.1	mg/kg dry
Barium	22		14	mg/kg dry
Beryllium	---	U	0.42	mg/kg dry
Cadmium	---	U	0.42	mg/kg dry
Calcium	1300		71	mg/kg dry
Chromium	22		0.71	mg/kg dry
Cobalt	4.5		2.8	mg/kg dry
Copper	5.7		1.4	mg/kg dry
Iron	7400		7.1	mg/kg dry
Lead	7.2		1.1	mg/kg dry
Magnesium	2300		71	mg/kg dry
Manganese	65		0.71	mg/kg dry
Molybdenum	1.7		1.4	mg/kg dry
Nickel	21		2.8	mg/kg dry
Potassium	560		71	mg/kg dry
Selenium	---	U	2.8	mg/kg dry
Silver	---	U	0.71	mg/kg dry
Sodium	920		140	mg/kg dry
Thallium	---	U	2.8	mg/kg dry
Vanadium	16		2.8	mg/kg dry
Zinc	40		2.8	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0088

Sample ID: 1209071-22

Metals ICP

Aluminum	8200		11	mg/kg dry
Antimony	3.2		2.2	mg/kg dry
Arsenic	30		0.90	mg/kg dry
Barium	150		11	mg/kg dry
Beryllium	---	U	0.34	mg/kg dry
Cadmium	1.5		0.34	mg/kg dry
Calcium	5000		56	mg/kg dry
Chromium	100		0.56	mg/kg dry
Cobalt	7.7		2.2	mg/kg dry
Copper	220		1.1	mg/kg dry
Iron	23000		5.6	mg/kg dry
Lead	610		0.90	mg/kg dry
Magnesium	5300		56	mg/kg dry
Manganese	290		0.56	mg/kg dry
Molybdenum	1.6		1.1	mg/kg dry
Nickel	39		2.2	mg/kg dry
Potassium	1800		56	mg/kg dry
Selenium	2.5		2.2	mg/kg dry
Silver	2.4		0.56	mg/kg dry
Sodium	7500		110	mg/kg dry
Thallium	---	U	2.2	mg/kg dry
Vanadium	30		2.2	mg/kg dry
Zinc	490		2.2	mg/kg dry

Mercury CVAA





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0088			Sample ID: 1209071-22	

Mercury CVAA

Mercury	3.3		0.25	mg/kg dry
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Field ID: 138-081111-0089	Sample ID: 1209071-23
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Metals ICP

Aluminum	2100		8.2	mg/kg dry
Antimony	---	U	1.6	mg/kg dry
Arsenic	2.5		0.65	mg/kg dry
Barium	---	U	8.2	mg/kg dry
Beryllium	---	U	0.24	mg/kg dry
Cadmium	---	U	0.24	mg/kg dry
Calcium	840		41	mg/kg dry
Chromium	4.3		0.41	mg/kg dry
Cobalt	2.0		1.6	mg/kg dry
Copper	2.9		0.82	mg/kg dry
Iron	7100		4.1	mg/kg dry
Lead	12		0.65	mg/kg dry
Magnesium	1100		41	mg/kg dry
Manganese	63		0.41	mg/kg dry
Molybdenum	3.0		0.82	mg/kg dry
Nickel	3.3		1.6	mg/kg dry
Potassium	240		41	mg/kg dry
Selenium	---	U	1.6	mg/kg dry
Silver	---	U	0.41	mg/kg dry
Sodium	1100		82	mg/kg dry





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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0089

Sample ID: 1209071-23

Metals ICP

Thallium	---	U	1.6	mg/kg dry
Vanadium	4.7		1.6	mg/kg dry
Zinc	20		1.6	mg/kg dry

Field ID: 138-081111-0090

Sample ID: 1209071-24

Metals ICP

Aluminum	2100		10	mg/kg dry
Antimony	---	U	2.1	mg/kg dry
Arsenic	---	U	0.84	mg/kg dry
Barium	---	U	10	mg/kg dry
Beryllium	---	U	0.31	mg/kg dry
Cadmium	---	U	0.31	mg/kg dry
Calcium	520		52	mg/kg dry
Chromium	4.2		0.52	mg/kg dry
Cobalt	---	U	2.1	mg/kg dry
Copper	---	U	1.0	mg/kg dry
Iron	6500		5.2	mg/kg dry
Lead	1.8		0.84	mg/kg dry
Magnesium	1300		52	mg/kg dry
Manganese	49		0.52	mg/kg dry
Molybdenum	2.8		1.0	mg/kg dry
Nickel	3.4		2.1	mg/kg dry
Potassium	290		52	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0090			Sample ID: 1209071-24	

Metals ICP

Selenium	---	U	2.1	mg/kg dry
Silver	---	U	0.52	mg/kg dry
Sodium	1900		100	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	4.6		2.1	mg/kg dry
Zinc	15		2.1	mg/kg dry

Field ID: 138-081111-0091	Sample ID: 1209071-25
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Metals ICP

Aluminum	2500		9.2	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	0.96		0.73	mg/kg dry
Barium	---	U	9.2	mg/kg dry
Beryllium	---	U	0.28	mg/kg dry
Cadmium	---	U	0.28	mg/kg dry
Calcium	440		46	mg/kg dry
Chromium	5.2		0.46	mg/kg dry
Cobalt	2.2		1.8	mg/kg dry
Copper	1.2		0.92	mg/kg dry
Iron	7900		4.6	mg/kg dry
Lead	2.0		0.73	mg/kg dry
Magnesium	1500		46	mg/kg dry
Manganese	59		0.46	mg/kg dry
Molybdenum	3.9		0.92	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0091			Sample ID: 1209071-25	

Metals ICP

Nickel	4.0		1.8	mg/kg dry
Potassium	330		46	mg/kg dry
Selenium	---	U	1.8	mg/kg dry
Silver	---	U	0.46	mg/kg dry
Sodium	1500		92	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	5.4		1.8	mg/kg dry
Zinc	18		1.8	mg/kg dry

Field ID: 138-081111-0092	Sample ID: 1209071-26
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Metals ICP

Aluminum	2000		9.4	mg/kg dry
Antimony	---	U	1.9	mg/kg dry
Arsenic	---	U	0.75	mg/kg dry
Barium	---	U	9.4	mg/kg dry
Beryllium	---	U	0.28	mg/kg dry
Cadmium	---	U	0.28	mg/kg dry
Calcium	570		47	mg/kg dry
Chromium	4.3		0.47	mg/kg dry
Cobalt	1.9		1.9	mg/kg dry
Copper	1.1		0.94	mg/kg dry
Iron	7000		4.7	mg/kg dry
Lead	1.9		0.75	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0092			Sample ID: 1209071-26	

Metals ICP

Magnesium	1200		47	mg/kg dry
Manganese	53		0.47	mg/kg dry
Molybdenum	5.0		0.94	mg/kg dry
Nickel	3.3		1.9	mg/kg dry
Potassium	320		47	mg/kg dry
Selenium	---	U	1.9	mg/kg dry
Silver	---	U	0.47	mg/kg dry
Sodium	1800		94	mg/kg dry
Thallium	---	U	1.9	mg/kg dry
Vanadium	4.0		1.9	mg/kg dry
Zinc	15		1.9	mg/kg dry

Field ID: 138-081111-0093	Sample ID: 1209071-27
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Metals ICP

Aluminum	2900		9.8	mg/kg dry
Antimony	---	U	2.0	mg/kg dry
Arsenic	2.3		0.78	mg/kg dry
Barium	12		9.8	mg/kg dry
Beryllium	---	U	0.29	mg/kg dry
Cadmium	---	U	0.29	mg/kg dry
Calcium	600		49	mg/kg dry
Chromium	9.2		0.49	mg/kg dry
Cobalt	3.3		2.0	mg/kg dry
Copper	3.2		0.98	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0093			Sample ID: 1209071-27	

Metals ICP

Iron	9300		4.9	mg/kg dry
Lead	3.4		0.78	mg/kg dry
Magnesium	1600		49	mg/kg dry
Manganese	89		0.49	mg/kg dry
Molybdenum	9.4		0.98	mg/kg dry
Nickel	8.1		2.0	mg/kg dry
Potassium	490		49	mg/kg dry
Selenium	---	U	2.0	mg/kg dry
Silver	0.51		0.49	mg/kg dry
Sodium	2100		98	mg/kg dry
Thallium	---	U	2.0	mg/kg dry
Vanadium	10		2.0	mg/kg dry
Zinc	20		2.0	mg/kg dry

Field ID: 138-081111-0094

Sample ID: 1209071-28

Metals ICP

Aluminum	3800		13	mg/kg dry
Antimony	---	U	2.6	mg/kg dry
Arsenic	2.8		1.0	mg/kg dry
Barium	50		13	mg/kg dry
Beryllium	---	U	0.39	mg/kg dry
Cadmium	---	U	0.39	mg/kg dry
Calcium	1000		64	mg/kg dry
Chromium	18		0.64	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0094			Sample ID: 1209071-28	

Metals ICP

Cobalt	5.2		2.6	mg/kg dry
Copper	6.5		1.3	mg/kg dry
Iron	12000		6.4	mg/kg dry
Lead	6.3		1.0	mg/kg dry
Magnesium	2100		64	mg/kg dry
Manganese	240		0.64	mg/kg dry
Molybdenum	6.0		1.3	mg/kg dry
Nickel	24		2.6	mg/kg dry
Potassium	650		64	mg/kg dry
Selenium	---	U	2.6	mg/kg dry
Silver	0.86		0.64	mg/kg dry
Sodium	1800		130	mg/kg dry
Thallium	---	U	2.6	mg/kg dry
Vanadium	15		2.6	mg/kg dry
Zinc	27		2.6	mg/kg dry

Field ID: 138-081111-0095	Sample ID: 1209071-29
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Metals ICP

Aluminum	3200		12	mg/kg dry
Antimony	---	U	2.3	mg/kg dry
Arsenic	5.4		0.94	mg/kg dry
Barium	47		12	mg/kg dry
Beryllium	---	U	0.35	mg/kg dry
Cadmium	---	U	0.35	mg/kg dry





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0095

Sample ID: 1209071-29

Metals ICP

Calcium	890		58	mg/kg dry
Chromium	17		0.58	mg/kg dry
Cobalt	4.5		2.3	mg/kg dry
Copper	4.7		1.2	mg/kg dry
Iron	9900		5.8	mg/kg dry
Lead	5.5		0.94	mg/kg dry
Magnesium	1600		58	mg/kg dry
Manganese	200		0.58	mg/kg dry
Molybdenum	3.6		1.2	mg/kg dry
Nickel	20		2.3	mg/kg dry
Potassium	470		58	mg/kg dry
Selenium	---	U	2.3	mg/kg dry
Silver	0.58		0.58	mg/kg dry
Sodium	390		120	mg/kg dry
Thallium	---	U	2.3	mg/kg dry
Vanadium	17		2.3	mg/kg dry
Zinc	24		2.3	mg/kg dry

Field ID: 138-081111-0096

Sample ID: 1209071-30

Metals ICP

Aluminum	4600		14	mg/kg dry
Antimony	---	U	2.8	mg/kg dry
Arsenic	3.4		1.1	mg/kg dry
Barium	66		14	mg/kg dry





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0096			Sample ID: 1209071-30	

Metals ICP

Beryllium	---	U	0.42	mg/kg dry
Cadmium	---	U	0.42	mg/kg dry
Calcium	1300		70	mg/kg dry
Chromium	24		0.70	mg/kg dry
Cobalt	5.6		2.8	mg/kg dry
Copper	7.5		1.4	mg/kg dry
Iron	8300		7.0	mg/kg dry
Lead	6.5		1.1	mg/kg dry
Magnesium	2200		70	mg/kg dry
Manganese	310		0.70	mg/kg dry
Molybdenum	---	U	1.4	mg/kg dry
Nickel	25		2.8	mg/kg dry
Potassium	590		70	mg/kg dry
Selenium	---	U	2.8	mg/kg dry
Silver	0.77		0.70	mg/kg dry
Sodium	280		140	mg/kg dry
Thallium	---	U	2.8	mg/kg dry
Vanadium	19		2.8	mg/kg dry
Zinc	30		2.8	mg/kg dry

Field ID: 138-081111-0097	Sample ID: 1209071-31
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Metals ICP

Aluminum	2300		9.1	mg/kg dry
Antimony	---	U	1.8	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0097			Sample ID: 1209071-31	
Metals ICP				
Arsenic	1.4		0.73	mg/kg dry
Barium	11		9.1	mg/kg dry
Beryllium	---	U	0.27	mg/kg dry
Cadmium	---	U	0.27	mg/kg dry
Calcium	530		45	mg/kg dry
Chromium	7.2		0.45	mg/kg dry
Cobalt	2.3		1.8	mg/kg dry
Copper	6.2		0.91	mg/kg dry
Iron	9100		4.5	mg/kg dry
Lead	15		0.73	mg/kg dry
Magnesium	1500		45	mg/kg dry
Manganese	69		0.45	mg/kg dry
Molybdenum	1.5		0.91	mg/kg dry
Nickel	7.5		1.8	mg/kg dry
Potassium	370		45	mg/kg dry
Selenium	---	U	1.8	mg/kg dry
Silver	---	U	0.45	mg/kg dry
Sodium	1800		91	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	5.7		1.8	mg/kg dry
Zinc	43		1.8	mg/kg dry
Mercury CVAA				
Mercury	0.052		0.046	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0098

Sample ID: 1209071-32

Metals ICP

Aluminum	1900		10	mg/kg dry
Antimony	---	U	2.0	mg/kg dry
Arsenic	---	U	0.82	mg/kg dry
Barium	---	U	10	mg/kg dry
Beryllium	---	U	0.31	mg/kg dry
Cadmium	---	U	0.31	mg/kg dry
Calcium	370		51	mg/kg dry
Chromium	4.8		0.51	mg/kg dry
Cobalt	---	U	2.0	mg/kg dry
Copper	1.6		1.0	mg/kg dry
Iron	5900		5.1	mg/kg dry
Lead	7.3		0.82	mg/kg dry
Magnesium	1200		51	mg/kg dry
Manganese	46		0.51	mg/kg dry
Molybdenum	2.8		1.0	mg/kg dry
Nickel	4.1		2.0	mg/kg dry
Potassium	270		51	mg/kg dry
Selenium	---	U	2.0	mg/kg dry
Silver	---	U	0.51	mg/kg dry
Sodium	1300		100	mg/kg dry
Thallium	---	U	2.0	mg/kg dry
Vanadium	4.0		2.0	mg/kg dry
Zinc	17		2.0	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0099			Sample ID: 1209071-33	

Metals ICP

Aluminum	3700		10	mg/kg dry
Antimony	---	U	2.1	mg/kg dry
Arsenic	4.2		0.83	mg/kg dry
Barium	16		10	mg/kg dry
Beryllium	1.2		0.31	mg/kg dry
Cadmium	---	U	0.31	mg/kg dry
Calcium	740		52	mg/kg dry
Chromium	15		0.52	mg/kg dry
Cobalt	6.9		2.1	mg/kg dry
Copper	45		1.0	mg/kg dry
Iron	22000		5.2	mg/kg dry
Lead	38		0.83	mg/kg dry
Magnesium	2900		52	mg/kg dry
Manganese	190		0.52	mg/kg dry
Molybdenum	9.0		1.0	mg/kg dry
Nickel	16		2.1	mg/kg dry
Potassium	480		52	mg/kg dry
Selenium	---	U	2.1	mg/kg dry
Silver	0.81		0.52	mg/kg dry
Sodium	1500		100	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	15		2.1	mg/kg dry
Zinc	280		2.1	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0100

Sample ID: 1209071-34

Metals ICP

Aluminum	5100		12	mg/kg dry
Antimony	---	U	2.4	mg/kg dry
Arsenic	2.2		0.98	mg/kg dry
Barium	24		12	mg/kg dry
Beryllium	---	U	0.37	mg/kg dry
Cadmium	---	U	0.37	mg/kg dry
Calcium	1000		61	mg/kg dry
Chromium	23		0.61	mg/kg dry
Cobalt	5.5		2.4	mg/kg dry
Copper	7.9		1.2	mg/kg dry
Iron	8400		6.1	mg/kg dry
Lead	9.9		0.98	mg/kg dry
Magnesium	2400		61	mg/kg dry
Manganese	190		0.61	mg/kg dry
Molybdenum	---	U	1.2	mg/kg dry
Nickel	31		2.4	mg/kg dry
Potassium	610		61	mg/kg dry
Selenium	---	U	2.4	mg/kg dry
Silver	0.65		0.61	mg/kg dry
Sodium	1200		120	mg/kg dry
Thallium	---	U	2.4	mg/kg dry
Vanadium	21		2.4	mg/kg dry
Zinc	56		2.4	mg/kg dry



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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0101			Sample ID: 1209071-35	

Metals ICP

Aluminum	3100		8.9	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	1.6		0.71	mg/kg dry
Barium	36		8.9	mg/kg dry
Beryllium	---	U	0.27	mg/kg dry
Cadmium	---	U	0.27	mg/kg dry
Calcium	790		45	mg/kg dry
Chromium	18		0.45	mg/kg dry
Cobalt	4.0		1.8	mg/kg dry
Copper	4.4		0.89	mg/kg dry
Iron	9000		4.5	mg/kg dry
Lead	5.9		0.71	mg/kg dry
Magnesium	1800		45	mg/kg dry
Manganese	100		0.45	mg/kg dry
Molybdenum	1.0		0.89	mg/kg dry
Nickel	12		1.8	mg/kg dry
Potassium	550		45	mg/kg dry
Selenium	---	U	1.8	mg/kg dry
Silver	0.61		0.45	mg/kg dry
Sodium	150		89	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	17		1.8	mg/kg dry
Zinc	20		1.8	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0106			Sample ID: 1209071-36	

Metals ICP

Aluminum	9800		13	mg/kg dry
Antimony	13		2.5	mg/kg dry
Arsenic	31		1.0	mg/kg dry
Barium	300		13	mg/kg dry
Beryllium	1.1		0.38	mg/kg dry
Cadmium	9.9		0.38	mg/kg dry
Calcium	6000		63	mg/kg dry
Chromium	440		0.63	mg/kg dry
Cobalt	14		2.5	mg/kg dry
Copper	440		1.3	mg/kg dry
Iron	31000		6.3	mg/kg dry
Lead	790		1.0	mg/kg dry
Magnesium	6900		63	mg/kg dry
Manganese	290		0.63	mg/kg dry
Molybdenum	5.7		1.3	mg/kg dry
Nickel	86		2.5	mg/kg dry
Potassium	2700		63	mg/kg dry
Selenium	---	U	2.5	mg/kg dry
Silver	11		0.63	mg/kg dry
Sodium	13000		130	mg/kg dry
Thallium	---	U	2.5	mg/kg dry
Vanadium	66		2.5	mg/kg dry
Zinc	920		2.5	mg/kg dry

Mercury CVAA





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0106			Sample ID: 1209071-36	

Mercury CVA

Mercury	7.5		2.4	mg/kg dry
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Field ID: 138-081111-0107	Sample ID: 1209071-37
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Metals ICP

Aluminum	4400		7.6	mg/kg dry
Antimony	8.0		1.5	mg/kg dry
Arsenic	19		0.61	mg/kg dry
Barium	93		7.6	mg/kg dry
Beryllium	1.7		0.23	mg/kg dry
Cadmium	6.0		0.23	mg/kg dry
Calcium	8000		38	mg/kg dry
Chromium	150		0.38	mg/kg dry
Cobalt	16		1.5	mg/kg dry
Copper	270		0.76	mg/kg dry
Iron	25000	J	3.8	mg/kg dry
Lead	800		0.61	mg/kg dry
Magnesium	3500		38	mg/kg dry
Manganese	230		0.38	mg/kg dry
Molybdenum	7.3		0.76	mg/kg dry
Nickel	59		1.5	mg/kg dry
Potassium	1000		38	mg/kg dry
Selenium	---	U	1.5	mg/kg dry
Silver	2.6		0.38	mg/kg dry
Sodium	4900		76	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0107			Sample ID: 1209071-37	

Metals ICP

Thallium	---	U	1.5	mg/kg dry
Vanadium	50		1.5	mg/kg dry
Zinc	2600	J	1.5	mg/kg dry

Field ID: 138-081111-0108	Sample ID: 1209071-38
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Metals ICP

Aluminum	2100		8.8	mg/kg dry
Antimony	3.9		1.8	mg/kg dry
Arsenic	6.6		0.70	mg/kg dry
Barium	70		8.8	mg/kg dry
Beryllium	1.9		0.26	mg/kg dry
Cadmium	0.57		0.26	mg/kg dry
Calcium	900		44	mg/kg dry
Chromium	32		0.44	mg/kg dry
Cobalt	20		1.8	mg/kg dry
Copper	250		0.88	mg/kg dry
Iron	15000		4.4	mg/kg dry
Lead	890		0.70	mg/kg dry
Magnesium	1400		44	mg/kg dry
Manganese	150		0.44	mg/kg dry
Molybdenum	6.9		0.88	mg/kg dry
Nickel	50		1.8	mg/kg dry
Potassium	330		44	mg/kg dry
Selenium	---	U	1.8	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0108			Sample ID: 1209071-38	

Metals ICP

Silver	0.68		0.44	mg/kg dry
Sodium	980		88	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	16		1.8	mg/kg dry
Zinc	1700		1.8	mg/kg dry

Field ID: 138-081111-0115	Sample ID: 1209071-39
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Metals ICP

Aluminum	3000		7.8	mg/kg dry
Antimony	1.8		1.6	mg/kg dry
Arsenic	4.3		0.63	mg/kg dry
Barium	37		7.8	mg/kg dry
Beryllium	0.98		0.23	mg/kg dry
Cadmium	0.77		0.23	mg/kg dry
Calcium	2200		39	mg/kg dry
Chromium	44		0.39	mg/kg dry
Cobalt	6.7		1.6	mg/kg dry
Copper	110		0.78	mg/kg dry
Iron	10000		3.9	mg/kg dry
Lead	380		0.63	mg/kg dry
Magnesium	2300		39	mg/kg dry
Manganese	130		0.39	mg/kg dry
Molybdenum	3.2		0.78	mg/kg dry
Nickel	38		1.6	mg/kg dry
Potassium	670		39	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 138-081111-0115			Sample ID: 1209071-39	

Metals ICP

Selenium	---	U	1.6	mg/kg dry
Silver	1.1		0.39	mg/kg dry
Sodium	2400		78	mg/kg dry
Thallium	---	U	1.6	mg/kg dry
Vanadium	13		1.6	mg/kg dry
Zinc	470		1.6	mg/kg dry

Mercury CVAA

Mercury	0.25		0.050	mg/kg dry
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Field ID: 138-081111-0116			Sample ID: 1209071-40	
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Metals ICP

Aluminum	2300		11	mg/kg dry
Antimony	---	U	2.2	mg/kg dry
Arsenic	0.96		0.88	mg/kg dry
Barium	---	U	11	mg/kg dry
Beryllium	---	U	0.33	mg/kg dry
Cadmium	---	U	0.33	mg/kg dry
Calcium	380		55	mg/kg dry
Chromium	4.9		0.55	mg/kg dry
Cobalt	---	U	2.2	mg/kg dry
Copper	1.1		1.1	mg/kg dry
Iron	7300		5.5	mg/kg dry
Lead	2.1		0.88	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region 2 Laboratory

Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0116

Sample ID: 1209071-40

Metals ICP

Magnesium	1400		55	mg/kg dry
Manganese	55		0.55	mg/kg dry
Molybdenum	3.8		1.1	mg/kg dry
Nickel	4.1		2.2	mg/kg dry
Potassium	340		55	mg/kg dry
Selenium	---	U	2.2	mg/kg dry
Silver	---	U	0.55	mg/kg dry
Sodium	1700		110	mg/kg dry
Thallium	---	U	2.2	mg/kg dry
Vanadium	5.0		2.2	mg/kg dry
Zinc	17		2.2	mg/kg dry

Field ID: 138-081111-0117

Sample ID: 1209071-41

Metals ICP

Aluminum	2700		9.9	mg/kg dry
Antimony	---	U	2.0	mg/kg dry
Arsenic	2.5		0.79	mg/kg dry
Barium	13		9.9	mg/kg dry
Beryllium	---	U	0.30	mg/kg dry
Cadmium	---	U	0.30	mg/kg dry
Calcium	590		49	mg/kg dry
Chromium	8.1		0.49	mg/kg dry
Cobalt	3.0		2.0	mg/kg dry
Copper	2.5		0.99	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Project: Jewett White Lead - 1209071

Project Number: 1209071

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 138-081111-0117

Sample ID: 1209071-41

Metals ICP

Iron	9000		4.9	mg/kg dry
Lead	3.0		0.79	mg/kg dry
Magnesium	1600		49	mg/kg dry
Manganese	120		0.49	mg/kg dry
Molybdenum	3.7		0.99	mg/kg dry
Nickel	5.5		2.0	mg/kg dry
Potassium	440		49	mg/kg dry
Selenium	---	U	2.0	mg/kg dry
Silver	---	U	0.49	mg/kg dry
Sodium	1600		99	mg/kg dry
Thallium	---	U	2.0	mg/kg dry
Vanadium	14		2.0	mg/kg dry
Zinc	19		2.0	mg/kg dry