

**Flambeau Mining Company**  
4700 Daybreak Parkway  
South Jordan, UT 84095  
801-204-2526



December 23, 2015

Mr. Philip Fauble  
Hydrogeologist  
Wisconsin Department of Natural Resources  
101 S. Webster Street – GEF2  
P.O. Box 7921  
Madison, WI 53707-7921

RE: Flambeau Mining Company  
Results from the 2015 Fall Surface Water Sampling Events

Dear Phil:

Enclosed please find copies of the laboratory reports from the 2015 fall surface water sampling events collected pursuant to the *Copper Park Business and Recreation Area Maintenance and Monitoring Plan* approved by you on March 21, 2013. Surface water sampling events were completed on September 17, 2015 and October 8, 2015. A duplicate sample was collected at SW-C9 during the first and second fall events.

These sampling events conclude the monitoring completed under the Plan. Surface water sampling will proceed after the final completion of the work activities described in the *Copper Park Business and Recreation Area Work Plan Supplement* per the Individual Chapter 30 permit, IP-NO-2015-55-01907.

Also included are results from samples collected from the Flambeau River at established locations SW-1, SW-2, and SW-3. These samples were collected voluntarily and results are provided for your reference.

If you have any questions, please contact me at (801) 204-2526 or Sharon Kozicki, of Foth Infrastructure & Environment, LLC, at (920) 496-6737.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dave Cline', is written over a light blue circular stamp.

Dave Cline  
Vice President – Flambeau Mining Company

Attachments

Mr. Philip Fauble  
Wisconsin Department of Natural Resources  
December 23, 2015  
Page 2

cc: Kyle McLaughlin, WDNR (*w/ enclosures*)  
Zoe McManama, WDNR (*w/ enclosures*)  
Al Christianson, City of Ladysmith (*w/ enclosures*)  
Tom Riegel, Town of Grant (*w/ enclosures*)  
Randy Tatur, Rusk County (*w/ enclosures*)  
CeCe Tesky, Rusk Co. Zoning (*w/ enclosures*)  
Sharon Kozicki, Foth (*w/ enclosures*)

**Attachment 1**

**Third Quarter 2015 SW Analytical Data**

October 05, 2015

SHARON KOZICKI  
Foth Infrastructure & Environment, LLC  
2121 Innovation Court  
Suite 300  
De Pere, WI 54115

RE: Project: FALL SW-1ST EVENT  
Pace Project No.: 40121404

Dear SHARON KOZICKI:

Enclosed are the analytical results for sample(s) received by the laboratory on September 19, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer  
tod.noltemeyer@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334  
Virginia VELAP ID: 460263

North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
Texas Certification #: T104704529-14-1  
US Dept of Agriculture #: S-76505  
Virginia VELAP ID: 460263  
Virginia VELAP Certification ID: 460263  
Wisconsin Certification #: 405132750

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## SAMPLE SUMMARY

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40121404001	SW-C1-2015_9	Water	09/17/15 11:30	09/19/15 08:05
40121404002	SW-C5-2015_9	Water	09/17/15 11:55	09/19/15 08:05
40121404003	SW-C9-2015_9	Water	09/17/15 12:25	09/19/15 08:05
40121404004	SW-1-2015_9	Water	09/17/15 13:40	09/19/15 08:05
40121404005	SW-2-2015_9	Water	09/17/15 14:00	09/19/15 08:05
40121404006	SW-3-2015_9	Water	09/17/15 14:40	09/19/15 08:05
40121404007	SW-DUP-2015_9	Water	09/17/15 00:00	09/19/15 08:05

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### SAMPLE ANALYTE COUNT

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40121404001	SW-C1-2015_9	EPA 6020	JBR	3	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404002	SW-C5-2015_9	EPA 6020	JBR	3	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404003	SW-C9-2015_9	EPA 6020	JBR	3	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404004	SW-1-2015_9	EPA 6020	JBR	4	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404005	SW-2-2015_9	EPA 6020	JBR	4	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404006	SW-3-2015_9	EPA 6020	JBR	4	PASI-G
		SM 2540D	TMK	1	PASI-G
40121404007	SW-DUP-2015_9	EPA 6020	JBR	3	PASI-G
		SM 2540D	TMK	1	PASI-G

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### SUMMARY OF DETECTION

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40121404001</b>	<b>SW-C1-2015_9</b>					
EPA 6020	Copper	88.0	ug/L	1.0	10/02/15 07:14	
EPA 6020	Total Hardness by 2340B	37.5	mg/L	5.0	10/02/15 07:14	
EPA 6020	Zinc	35.0	ug/L	10.0	10/02/15 07:14	
SM 2540D	Total Suspended Solids	12.0	mg/L	2.0	09/22/15 14:25	
<b>40121404002</b>	<b>SW-C5-2015_9</b>					
EPA 6020	Copper	10.0	ug/L	1.0	10/02/15 07:21	
EPA 6020	Total Hardness by 2340B	80.1	mg/L	5.0	10/02/15 07:21	
EPA 6020	Zinc	49.7	ug/L	10.0	10/02/15 07:21	
SM 2540D	Total Suspended Solids	8.4	mg/L	2.0	09/22/15 14:25	
<b>40121404003</b>	<b>SW-C9-2015_9</b>					
EPA 6020	Copper	90.0	ug/L	1.0	10/02/15 07:27	
EPA 6020	Total Hardness by 2340B	12.3	mg/L	5.0	10/02/15 07:27	
EPA 6020	Zinc	19.5	ug/L	10.0	10/02/15 07:27	
SM 2540D	Total Suspended Solids	11.6	mg/L	2.0	09/22/15 14:25	
<b>40121404004</b>	<b>SW-1-2015_9</b>					
EPA 6020	Copper	1.2	ug/L	1.0	10/02/15 07:34	
EPA 6020	Iron	567	ug/L	250	10/02/15 07:34	
EPA 6020	Total Hardness by 2340B	51.3	mg/L	5.0	10/02/15 07:34	
SM 2540D	Total Suspended Solids	2.6	mg/L	2.0	09/22/15 14:25	
<b>40121404005</b>	<b>SW-2-2015_9</b>					
EPA 6020	Copper	0.84J	ug/L	1.0	10/02/15 07:41	
EPA 6020	Iron	418	ug/L	250	10/02/15 07:41	
EPA 6020	Total Hardness by 2340B	52.3	mg/L	5.0	10/02/15 07:41	
SM 2540D	Total Suspended Solids	2.0	mg/L	2.0	09/22/15 14:25	
<b>40121404006</b>	<b>SW-3-2015_9</b>					
EPA 6020	Copper	0.88J	ug/L	1.0	10/02/15 07:47	
EPA 6020	Iron	391	ug/L	250	10/02/15 07:47	
EPA 6020	Total Hardness by 2340B	50.2	mg/L	5.0	10/02/15 07:47	
SM 2540D	Total Suspended Solids	2.0	mg/L	2.0	09/22/15 14:25	
<b>40121404007</b>	<b>SW-DUP-2015_9</b>					
EPA 6020	Copper	88.6	ug/L	1.0	10/02/15 07:54	
EPA 6020	Total Hardness by 2340B	11.9	mg/L	5.0	10/02/15 07:54	
EPA 6020	Zinc	18.9	ug/L	10.0	10/02/15 07:54	
SM 2540D	Total Suspended Solids	14.8	mg/L	2.0	09/22/15 14:26	

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## PROJECT NARRATIVE

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Method:** EPA 6020

**Description:** 6020 MET ICPMS

**Client:** FOTH INFRASTRUCTURE & ENVIRONMENT

**Date:** October 05, 2015

**General Information:**

7 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Method:** SM 2540D

**Description:** 2540D Total Suspended Solids

**Client:** FOTH INFRASTRUCTURE & ENVIRONMENT

**Date:** October 05, 2015

**General Information:**

7 samples were analyzed for SM 2540D. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: WET/23244

R1: RPD value was outside control limits.

- DUP (Lab ID: 1225167)
- Total Suspended Solids

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample: SW-C1-2015\_9**      **Lab ID: 40121404001**      Collected: 09/17/15 11:30      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>88.0</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:14	7440-50-8	
Total Hardness by 2340B	<b>37.5</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:14		
Zinc	<b>35.0</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:14	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>12.0</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample: SW-C5-2015\_9**      **Lab ID: 40121404002**      Collected: 09/17/15 11:55      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>10.0</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:21	7440-50-8	
Total Hardness by 2340B	<b>80.1</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:21		
Zinc	<b>49.7</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:21	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>8.4</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample: SW-C9-2015\_9**      **Lab ID: 40121404003**      Collected: 09/17/15 12:25      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>90.0</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:27	7440-50-8	
Total Hardness by 2340B	<b>12.3</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:27		
Zinc	<b>19.5</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:27	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>11.6</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample: SW-1-2015\_9**      **Lab ID: 40121404004**      Collected: 09/17/15 13:40      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>1.2</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:34	7440-50-8	
Iron	<b>567</b>	ug/L	250	10.0	1	10/01/15 08:25	10/02/15 07:34	7439-89-6	
Total Hardness by 2340B	<b>51.3</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:34		
Zinc	<b>&lt;3.1</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:34	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>2.6</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample:** SW-2-2015\_9      **Lab ID:** 40121404005      Collected: 09/17/15 14:00      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>0.84J</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:41	7440-50-8	
Iron	<b>418</b>	ug/L	250	10.0	1	10/01/15 08:25	10/02/15 07:41	7439-89-6	
Total Hardness by 2340B	<b>52.3</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:41		
Zinc	<b>&lt;3.1</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:41	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>2.0</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample:** SW-3-2015\_9      **Lab ID:** 40121404006      Collected: 09/17/15 14:40      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>0.88J</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:47	7440-50-8	
Iron	<b>391</b>	ug/L	250	10.0	1	10/01/15 08:25	10/02/15 07:47	7439-89-6	
Total Hardness by 2340B	<b>50.2</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:47		
Zinc	<b>&lt;3.1</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:47	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>2.0</b>	mg/L	2.0	0.95	1		09/22/15 14:25		

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## ANALYTICAL RESULTS

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

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**Sample: SW-DUP-2015\_9**      **Lab ID: 40121404007**      Collected: 09/17/15 00:00      Received: 09/19/15 08:05      Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>88.6</b>	ug/L	1.0	0.26	1	10/01/15 08:25	10/02/15 07:54	7440-50-8	
Total Hardness by 2340B	<b>11.9</b>	mg/L	5.0	0.15	1	10/01/15 08:25	10/02/15 07:54		
Zinc	<b>18.9</b>	ug/L	10.0	3.1	1	10/01/15 08:25	10/02/15 07:54	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>14.8</b>	mg/L	2.0	0.95	1		09/22/15 14:26		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

QC Batch: MPRP/12674 Analysis Method: EPA 6020  
 QC Batch Method: EPA 3010 Analysis Description: 6020 MET  
 Associated Lab Samples: 40121404001, 40121404002, 40121404003, 40121404004, 40121404005, 40121404006, 40121404007

METHOD BLANK: 1230240 Matrix: Water  
 Associated Lab Samples: 40121404001, 40121404002, 40121404003, 40121404004, 40121404005, 40121404006, 40121404007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<0.26	1.0	10/02/15 05:40	
Iron	ug/L	<10.0	250	10/02/15 05:40	
Total Hardness by 2340B	mg/L	<0.15	5.0	10/02/15 05:40	
Zinc	ug/L	<3.1	10.0	10/02/15 05:40	

LABORATORY CONTROL SAMPLE: 1230241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	500	501	100	80-120	
Iron	ug/L	5000	4840	97	80-120	
Total Hardness by 2340B	mg/L		31.7			
Zinc	ug/L	500	499	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1230242 1230243

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40121395001 Result	Spike Conc.	Spike Conc.	Result						
Copper	ug/L	9.6	500	500	515	518	101	102	75-125	1	20
Iron	ug/L	2530	5000	5000	7470	7540	99	100	75-125	1	20
Total Hardness by 2340B	mg/L	17.8			50.6	51.2				1	20
Zinc	ug/L	46.7	500	500	555	560	102	103	75-125	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

QC Batch: WET/23244

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Associated Lab Samples: 40121404001, 40121404002, 40121404003, 40121404004, 40121404005, 40121404006, 40121404007

METHOD BLANK: 1225164

Matrix: Water

Associated Lab Samples: 40121404001, 40121404002, 40121404003, 40121404004, 40121404005, 40121404006, 40121404007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	09/22/15 14:25	

LABORATORY CONTROL SAMPLE: 1225165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	102	102	80-120	

SAMPLE DUPLICATE: 1225166

Parameter	Units	40121399001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	110	113	3	10	

SAMPLE DUPLICATE: 1225167

Parameter	Units	40121451001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	26.9	33.1	21	10	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: FALL SW-1ST EVENT  
Pace Project No.: 40121404

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FALL SW-1ST EVENT

Pace Project No.: 40121404

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40121404001	SW-C1-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404002	SW-C5-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404003	SW-C9-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404004	SW-1-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404005	SW-2-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404006	SW-3-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404007	SW-DUP-2015_9	EPA 3010	MPRP/12674	EPA 6020	ICPM/5882
40121404001	SW-C1-2015_9	SM 2540D	WET/23244		
40121404002	SW-C5-2015_9	SM 2540D	WET/23244		
40121404003	SW-C9-2015_9	SM 2540D	WET/23244		
40121404004	SW-1-2015_9	SM 2540D	WET/23244		
40121404005	SW-2-2015_9	SM 2540D	WET/23244		
40121404006	SW-3-2015_9	SM 2540D	WET/23244		
40121404007	SW-DUP-2015_9	SM 2540D	WET/23244		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Flambeau Mining Co.  
Lodysmith, WI  
Sharon Kozicki  
920/446-6737

www.paceabs.com

EM

# CHAIN OF CUSTODY

**Preservation Codes**  
 A=None B=HCl C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

UPPER MIDWEST REGION  
MIN: 612-607-1700 WI: 920-469-2436

40121404

Company Name: Flambeau Mining Co.  
 Branch/Location: Lodysmith, WI  
 Project Contact: Sharon Kozicki  
 Phone: 920/446-6737  
 Project Number:  
 Project Name: Fall SW-1st Event  
 Project State: Wisconsin  
 Sampled By (Print): Max Malmgvist  
 Sampled By (Sign): Max Malmgvist  
 PO #:  
 Regulatory Program:

**Data Package Options**  
 EPA Level III  
 EPA Level IV  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air B = Biota C = Charcoal O = Oil S = Soil SI = Sludge  
 W = Water DW = Drinking Water GW = Ground Water SW = Surface Water WW = Waste Water  
 WP = Wipe

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	SW-C1-2015-9	9/17/15	11:30	SW
002	SW-C5-2015-9	11:55		
003	SW-C9-2015-9	12:25		
004	SW-1-2015-9	13:40		
005	SW-2-2015-9	14:00		
006	SW-3-2015-9	14:40		
007	SW-0pp-2015-9			

Filtered? (YES/NO)  
 Preservation (CODE)

### Analyses Requested

V/L	Pick Letter	Analysis
N	A	TSS
N	D	Metals (Cu, Zn, Fe)
N	D	Hardness

**Quote #:**  
**Mail To Contact:** Sharon Kozicki  
**Mail To Company:** Flambeau Mining Co.  
**Mail To Address:** 2121 Innovation Ct. De Pere, WI 54115  
**Invoice To Contact:**  
**Invoice To Company:** Flambeau Mining Co.  
**Invoice To Address:** Contact Sharon for Invoice info.  
**Invoice To Phone:** 920/446-6737  
**CLIENT COMMENTS:** LAB COMMENTS (Lab Use Only) Profile #  
 1-11 PA 1-250MPS

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed:  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1:  
 Email #2:  
 Telephone:  
 Fax:  
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Max Malmgvist Date/Time: 9/18/15  
 Relinquished By: Tyler Sanders Date/Time: 9-18-15 - 1348  
 Relinquished By: Geneva Farkas Date/Time: 9-18-15 0010  
 Relinquished By: Adam Beck Date/Time: 9-18-15 0430  
 Relinquished By: WJFCO Date/Time: 9-16-15 805

Received By: WJFCO Date/Time: 9-18-15 - 9:33  
 Received By: Geneva Farkas Date/Time: 9-18-15 2135  
 Received By: Adam Beck Date/Time: 9-18-15 0445  
 Received By: Adam Beck Date/Time: 9-16-15 805

PAGE Project No. 40121404  
 Receipt Temp = 20.1 °C  
 Sample, Receipt pH OK/Adjusted  
 Cooler Custody Seal Present/Not Present Intact/Not Intact



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #

WO#: 40121404

Client Name: Flambeau

Courier: Fed Ex UPS Client Pace Other: Walco

Tracking #: 871800



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used: NW Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: 201 /Corr: Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Person examining contents:
Date: 9-19-15
Initials: mm

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows of checklist items and checkboxes. Includes items like 'Chain of Custody Present', 'Short Hold Time Analysis (<72hr):', 'Rush Turn Around Time Requested:', 'Sample Labels match COC:', 'All containers needing preservation have been checked.', 'Headspace in VOA Vials (>6mm):', 'Trip Blank Present:'. Includes handwritten notes like 'Project # 9-19-15 mm' and '7 Day 9-19-15 mm'.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review:

[Handwritten signature]

Date: 9-19-15

November 03, 2015

SHARON KOZICKI  
Foth Infrastructure & Environment, LLC  
2121 Innovation Court  
Suite 300  
De Pere, WI 54115

RE: Project: 2015 2ND FALL SW EVENT  
Pace Project No.: 40122675

Dear SHARON KOZICKI:

Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer  
tod.noltemeyer@pacelabs.com  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334  
Virginia VELAP ID: 460263

North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
Texas Certification #: T104704529-14-1  
US Dept of Agriculture #: S-76505  
Virginia VELAP ID: 460263  
Virginia VELAP Certification ID: 460263  
Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40122675001	SW-C1-2015_10	Water	10/08/15 08:10	10/10/15 09:05
40122675002	SW-C5-2015_10	Water	10/08/15 08:30	10/10/15 09:05
40122675003	SW-C9-2015_10	Water	10/08/15 08:50	10/10/15 09:05
40122675004	SW-DUP-2015_10	Water	10/08/15 00:00	10/10/15 09:05

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40122675001	SW-C1-2015_10	EPA 6020	JBR	3
		SM 2540D	DDY	1
40122675002	SW-C5-2015_10	EPA 6020	JBR	3
		SM 2540D	DDY	1
40122675003	SW-C9-2015_10	EPA 6020	JBR	3
		SM 2540D	DDY	1
40122675004	SW-DUP-2015_10	EPA 6020	JBR	3
		SM 2540D	DDY	1

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

---

**Method:** EPA 6020

**Description:** 6020 MET ICPMS

**Client:** FOTH INFRASTRUCTURE & ENVIRONMENT

**Date:** November 03, 2015

**General Information:**

4 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 2015 2ND FALL SW EVENT  
Pace Project No.: 40122675

---

**Method:** SM 2540D  
**Description:** 2540D Total Suspended Solids  
**Client:** FOTH INFRASTRUCTURE & ENVIRONMENT  
**Date:** November 03, 2015

**General Information:**

4 samples were analyzed for SM 2540D. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: WET/23469

R1: RPD value was outside control limits.

- DUP (Lab ID: 1238678)
- Total Suspended Solids

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

---

**Sample: SW-C1-2015\_10**      **Lab ID: 40122675001**      Collected: 10/08/15 08:10      Received: 10/10/15 09:05      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>67.6</b>	ug/L	1.0	0.26	1	10/19/15 10:44	10/28/15 23:42	7440-50-8	
Total Hardness by 2340B	<b>39.5</b>	mg/L	5.0	0.15	1	10/19/15 10:44	10/28/15 23:42		
Zinc	<b>31.7</b>	ug/L	10.0	3.1	1	10/19/15 10:44	10/28/15 23:42	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>13.0</b>	mg/L	2.0	0.95	1		10/14/15 10:57		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

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**Sample: SW-C5-2015\_10**      **Lab ID: 40122675002**      Collected: 10/08/15 08:30      Received: 10/10/15 09:05      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>8.8</b>	ug/L	1.0	0.26	1	10/19/15 10:44	10/28/15 23:49	7440-50-8	
Total Hardness by 2340B	<b>77.5</b>	mg/L	5.0	0.15	1	10/19/15 10:44	10/28/15 23:49		
Zinc	<b>28.4</b>	ug/L	10.0	3.1	1	10/19/15 10:44	10/28/15 23:49	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>3.6</b>	mg/L	2.0	0.95	1		10/14/15 10:57		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

---

**Sample: SW-C9-2015\_10**      **Lab ID: 40122675003**      Collected: 10/08/15 08:50      Received: 10/10/15 09:05      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>83.3</b>	ug/L	1.0	0.26	1	10/19/15 10:44	10/28/15 23:55	7440-50-8	
Total Hardness by 2340B	<b>10.9</b>	mg/L	5.0	0.15	1	10/19/15 10:44	10/28/15 23:55		
Zinc	<b>17.9</b>	ug/L	10.0	3.1	1	10/19/15 10:44	10/28/15 23:55	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>13.0</b>	mg/L	2.0	0.95	1		10/14/15 10:57		

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## ANALYTICAL RESULTS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

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**Sample: SW-DUP-2015\_10**      **Lab ID: 40122675004**      Collected: 10/08/15 00:00      Received: 10/10/15 09:05      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>		Analytical Method: EPA 6020    Preparation Method: EPA 3010							
Copper	<b>79.1</b>	ug/L	1.0	0.26	1	10/19/15 10:44	10/29/15 00:01	7440-50-8	
Total Hardness by 2340B	<b>10.3</b>	mg/L	5.0	0.15	1	10/19/15 10:44	10/29/15 00:01		
Zinc	<b>17.5</b>	ug/L	10.0	3.1	1	10/19/15 10:44	10/29/15 00:01	7440-66-6	
<b>2540D Total Suspended Solids</b>		Analytical Method: SM 2540D							
Total Suspended Solids	<b>9.4</b>	mg/L	2.0	0.95	1		10/14/15 10:57		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

QC Batch: MPRP/12763

Analysis Method: EPA 6020

QC Batch Method: EPA 3010

Analysis Description: 6020 MET

Associated Lab Samples: 40122675001, 40122675002, 40122675003, 40122675004

METHOD BLANK: 1241718

Matrix: Water

Associated Lab Samples: 40122675001, 40122675002, 40122675003, 40122675004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<0.26	1.0	10/28/15 18:48	
Total Hardness by 2340B	mg/L	<0.15	5.0	10/28/15 18:48	
Zinc	ug/L	<3.1	10.0	10/28/15 18:48	

LABORATORY CONTROL SAMPLE: 1241719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	500	533	107	80-120	
Total Hardness by 2340B	mg/L		33.2			
Zinc	ug/L	500	537	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1241720 1241721

Parameter	Units	40122856001		1241721		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Copper	ug/L	3.0	500	500	491	98	101	75-125	3	20	
Total Hardness by 2340B	mg/L	435			444		454		2	20	
Zinc	ug/L	<3.1	500	500	515	103	106	75-125	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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### QUALITY CONTROL DATA

Project: 2015 2ND FALL SW EVENT  
Pace Project No.: 40122675

QC Batch: WET/23469 Analysis Method: SM 2540D  
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids  
Associated Lab Samples: 40122675001, 40122675002, 40122675003, 40122675004

METHOD BLANK: 1238675 Matrix: Water  
Associated Lab Samples: 40122675001, 40122675002, 40122675003, 40122675004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	10/14/15 10:56	

LABORATORY CONTROL SAMPLE: 1238676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	96.0	96	80-120	

SAMPLE DUPLICATE: 1238677

Parameter	Units	40122633001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	57.0	57.0	0	5	

SAMPLE DUPLICATE: 1238678

Parameter	Units	40122740001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	32.0	36.8	14	5	R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2015 2ND FALL SW EVENT

Pace Project No.: 40122675

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40122675001	SW-C1-2015_10	EPA 3010	MPRP/12763	EPA 6020	ICPM/5932
40122675002	SW-C5-2015_10	EPA 3010	MPRP/12763	EPA 6020	ICPM/5932
40122675003	SW-C9-2015_10	EPA 3010	MPRP/12763	EPA 6020	ICPM/5932
40122675004	SW-DUP-2015_10	EPA 3010	MPRP/12763	EPA 6020	ICPM/5932
40122675001	SW-C1-2015_10	SM 2540D	WET/23469		
40122675002	SW-C5-2015_10	SM 2540D	WET/23469		
40122675003	SW-C9-2015_10	SM 2540D	WET/23469		
40122675004	SW-DUP-2015_10	SM 2540D	WET/23469		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: **Flambeau Mining Co.**  
 Branch/Location: **Ladysmith, WI**  
 Project Contact: **Sharon Kozicki**  
 Phone: **(920) 496-6737**  
 Project Number: **2015 2nd Fall SW Event**  
 Project Name: **WISCONSIN**  
 Project State: **WI**  
 Sampled By (Print): **Max Malinquist**  
 Sampled By (Sign): *Max Malinquist*  
 PO #: **Max Malinquist**



# CHAIN OF CUSTODY

Matrix Codes: A=Air, B=Biota, C=Charcoal, O=Oil, S=Soil, SI=Sludge, W=Water, DW=Drinking Water, G=Ground Water, SW=Surface Water, WP=Wipe  
 Preservation Codes: A=None, B=HCl, C=H2SO4, D=HNO3, E=DI Water, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

Filtered? (YES/NO)  
 Preservation (CODE)\*

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	SW-C1-2015-10	10/8/15	8:10	SW
002	SW-C5-2015-10		8:30	SW
003	SW-C9-2015-10		8:50	SW
004	SW-DUP-2015-10			SW

## Analyses Requested

V/I/N	Pick Label	Analysis
N	A	TSS
N	D	Metals / Hardness

Quote #: **401221075**  
 Mail To Contact: **Sharon Kozicki**  
 Mail To Company: **Foth**  
 Mail To Address: **2121 Innovation Ct. De Pere, WI 54115**  
 Invoice To Contact: **Sharon Kozicki**  
 Invoice To Company: **Foth**  
 Invoice To Address: **2121 Innovation Ct. De Pere, WI 54115**  
 Invoice To Phone: **(920) 496-6737**  
 CLIENT COMMENTS: **1-1LP A**  
 LAB COMMENTS (Lab Use Only): **1-250mL PD**

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: **10/10/15**  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1: **1202100**  
 Email #2: **10/10/15 0905**  
 Telephone: **10/10/15 0905**  
 Fax: **10/10/15 0905**

Relinquished By: **Max Malinquist** Date/Time: **10/9/15 10:00**  
 Relinquished By: **1202100** Date/Time: **10/10/15 0905**  
 Relinquished By: **10/10/15 0905**  
 Relinquished By: **10/10/15 0905**

Received By: **Courier** Date/Time: **10/9/15 10:00**  
 Received By: **Satohelena** Date/Time: **10/10/15 0905**  
 Received By: **face** Date/Time: **10/10/15 0905**  
 Received By: **face** Date/Time: **10/10/15 0905**

PAGE Project No. **401221075**  
 Receipt Temp = **FOI** °C

Sample Receipt pH **OK** Adjusted  
 Coolant Custody Seal **Present / Not Present**  
 Intact / Not Intact



Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #:

WO#: 40122675

Client Name: Flambeau Mining Co.

Courier: Fed Ex UPS Client Pace Other: Walter

Tracking #: 886920



40122675

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr: ROI Biological Tissue is Frozen: yes

Temp Blank Present: yes no

Person examining contents:
Date:
Initials: JS

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Table with 15 rows of custody and sample condition checks, including Chain of Custody Present, Short Hold Time Analysis, and Headspace in VOA Vials.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review:

Signature of Project Manager

Date: 10/10/15