

Foth & Van Dyke

May 2, 2006

Mr. Ken Markart
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhineland WI 54501-3349

Dear Mr. Markart:

RE: Flambeau Industrial Outlot Work Plan

On behalf of Flambeau Mining Company (Flambeau) Foth & Van Dyke has prepared this Final Work Plan for the Flambeau Industrial Outlot. This document supersedes the March 30, 2006 submittal letter and incorporates additional information.

Past surface soil sampling from the Industrial Outlot area has shown elevated levels of copper in areas draining stormwater to the biofilter. Results of the surface sampling program have been provided in a letter to the Wisconsin Department of Natural Resources (WDNR) dated October 24, 2005 and are attached (Attachment 1).

Additional surface soil samples were obtained across the outlot area in August of 2005. The sample location map with results and chain of custody are in Attachment 2. All soil samples were taken from a depth of zero to four inches. Samples 3 and 6 were also sampled at depths of six to ten inches. Relatively high copper concentrations were seen in Sample 3, at a depth of six to ten inches. Sample 3 was located where truck washing of the haul trucks during mine operations was performed. Therefore some downward movement of copper may be expected. This area will be excavated and removed during excavation as described in the workplan section of this report. At Location 6, the copper concentration at depth was only about 22% of the copper sample concentration at the surface.

During April 5, 2006, additional soil surface samples were obtained on the ground access road heading east/west from the southwest corner of the outlot and the north/south road as shown on the location map in Attachment 3. The ground surface was sampled at two locations and the soil underlying the filter fabric were sampled at four locations along the road. The results indicate no elevated copper concentrations at any of the sampled locations. The soil lab results and chain of custody are in Attachment 3.

Additional surface soil samples and surface water samples were also obtained on April 5, 2006. The locations of these samples were along Highway 27 to the north and south of the mine site. A total of eight soil samples, four north of the site and four south of the site and three surface water samples, one north of the site and one south of the site, were obtained.

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The sample location map and corresponding laboratory data and chain of custody are in Attachment 4. The soil, obtained in the top four inches of soil ranged in copper concentrations from 12 to 85 mg/kg. The surface water ranged from 30 to 35 ug/L. The concentrations of copper in the surface water along the highway are similar to surface water that is leaving the biofilter and data from the surface water sample point SW C6 located in Stream C near the Flambeau River.

In order to reduce elevated levels of copper entering the biofilter, Flambeau has proposed to the WDNR removal of surficial soils within the outlot and perimeter drainage ditch, approximately 2.2 acres. This general action has been outlined in letters to the WDNR dated November 22 and December 2, 2005 and March 30 letter. A general approval letter was issued by the WDNR dated December 6, 2005.

Presented in the following sections is further detail for the proposed work plan and future monitoring in order to demonstrate the effectiveness of the proposed action.

Outlot Work Plan

Flambeau will provide the WDNR with a minimum of 48 hour prior notice prior to the start of work. Flambeau will remove a minimum of four inches of exposed surficial soils from 2.2 acres of the outlot. Four inches will also be removed from the existing drainage ditches. In addition, a 25 ft by 25 ft area at the former truck wash location (see Attachment 2, Sample 3 location) will be excavated to a depth of 10 inches. Estimated quantity of soils to be removed is approximately 1,020 cubic yards. All excavated soil will be disposed of at an approved landfill.

Upon removal of the exposed surficial soils in the parking areas a geotextile fabric will be placed upon the prepared subgrade surface. The area will then be overlain with four inches of crushed limestone aggregate and paved with three inches of asphalt pavement. In addition, a geotextile fabric overlain by four to six inches of crushed limestone aggregate and/or cobble sized aggregate will also be placed in the outlot perimeter drainage ditch as shown in detail on Figures 1. The perimeter ditch will be bordered on both sides by a ten foot wide vegetative buffer strip. The vegetative buffer strip will consist of six-inches of on-site topsoil seeded with the same native seed mix used for the rail spur work. Pre-existing vegetation within the vegetative buffer strip will not be disturbed. The disturbed topsoil stockpile (located immediately west of the outlot area) will be re-contoured and seeded (with the same seed mix) upon completion of buffer strip work. Currently the biofilter is functioning as designed and has accumulated approximately 1 to 3 inches of sediment. No work is currently planned in the biofilter. Figure 1 shows the area of the asphalt pavement.

Monitoring

In the short term, Flambeau will conduct surface water monitoring. Monitoring will be conducted at four points in 2006 at the locations shown on Figure 2. Two rounds of

Mr. Ken Markart
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surface water samples will be collected from the four points after two separate precipitation events and analyzed for total copper and zinc. Upon completion of the two sampling events and review of analytical data, Flambeau will present the data to the WDNR. At that time, Flambeau will also present to the WDNR a monitoring and maintenance plan (if needed) for the biofilter's continued service related to the Industrial Outlot.

If you have any questions regarding the information presented here please me at (920) 496-6813.

Sincerely,



James B Hutchison, PE
Project Engineer

cc: Jana Murphy, Flambeau Mining Company
Fred Fox, Kennecott Minerals Company
Steve Donohue, Foth & Van Dyke
Al Christianson, City of Ladysmith
Jon Kleist, WDNR (Ladysmith)
Tom Portle, WDNR
Terry Koehn, WDNR, Spooner Office
Joanie Burns, WDNR
Tom Riegel, Town of Grant
Traca Skogstad, Xcel Energy
Mark Steward, Rusk County Zoning
Randy Tatur, Rusk County
Russ Thompson, Thompson Excavating

Attachments:

Seed Mix
Figure 1
Figure 2
Attachments 1 thru 4

CUSTOM MIX FOR FLAMBEAU MINING COMPANY

WILDFLOWERS

LATIN NAME	COMMON NAME	AMT	UNIT	ZONE
<i>Asclepias tuberosa</i>	Butterflyweed	8.00	oz	12.718 4
<i>Aster azureus</i>	Sky Blue Aster	1.50	oz	2.011 3
<i>Aster novae-angliae</i>	New England Aster	1.25	oz	2.426 4
<i>Aster pilosus</i>	Frost Aster	0.50	oz	0.563 3
<i>Cassia fasciculata</i>	Partridge Pea	10.50	oz	11.655
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	3.00	oz	3.718 3
<i>Dalea purpurea</i>	Purple Prairie Clover	16.00	oz	17.12 4
<i>Echinacea pallida</i>	Pale Purple Coneflower	8.00	oz	8.88 4
<i>Heliopsis helianthoides</i>	Ox Eye Sunflower	4.00	oz	4.201 4
<i>Liatris aspera</i>	Rough Blazingstar	6.00	oz	7.201 4
<i>Lupinus perennis</i>	Lupine	8.00	oz	10.158 4
<i>Monarda fistulosa</i>	Bergamot	1.00	oz	1.342 3
<i>Penstemon grandiflorus</i>	Beardtongue	8.00	oz	8.479 3
<i>Ratibida pinnata</i>	Yellow Coneflower	3.25	oz	3.574 4
<i>Rudbeckia hirta</i>	Black Eyed Susan	7.00	oz	7.908 4
<i>Solidago speciosa</i>	Showy Goldenrod	2.00	oz	3.141 4
<i>Tradescantia ohiensis</i>	Ohio Spiderwort	8.00	oz	10.88 3
WILDFLOWER SEED TOTAL		6.00	lb	116.475

58.24 oz/A

3.64 #/A

GRASSES

LATIN NAME	COMMON NAME	AMT	UNIT	ZONE
<i>Andropogon gerardi</i>	Big Bluestem	✓1.50	lb	2.22 3
<i>Bouteloua curtipendula</i>	Sideoata Grama	✓4.00	lb	5.16 3
<i>Elymus canadensis</i>	Canada Wild Rye	✓3.00	lb	3.09 3
<i>Koeleria macrantha</i>	Junegrass	0.50✓	lb	0.79 3
<i>Panicum virgatum</i>	Switchgrass	0.50✓	lb	0.525
<i>Sorghastrum nutans</i>	Indiangrass	1.50✓	lb	2.01 4
<i>Schizachyrium scoparium</i>	Little Bluestem	3.00✓	lb	4.47 4
GRASS SEED TOTAL		14.00	lb	18.265
TOTAL NATIVE SEED FOR 2 ACRES		20.00	lb	

9.13 #/A



Attachment 1

Flambeau Mining Company
N4100 Highway 27
Ladysmith, WI 54848
(715) 532-6690
FAX (715) 532-6885

047003-4000
SVD1
JBHI

**Kennecott
Minerals**

October 24, 2005

Mr. Lawrence J. Lynch
Mine Reclamation Unit
Bureau of Solid and Hazardous Waste Management
101 S. Webster Street, GEF II
PO Box 7921
Madison, WI 53707

Dear Mr. Lynch:

RE: Stream C – 2005 Analysis of Collected Data
Flambeau Mining Company

On August 5, 2004, Flambeau Mining Company (Flambeau) provided to the Wisconsin Department of Natural Resources (WDNR) a work plan for monitoring Stream C. In a letter dated January 20, 2005 Flambeau provided to the WDNR data from monitoring Stream C during 2004. The WDNR provided comment in a letter dated March 22, 2005. During 2005, Flambeau has sampled surface water and sediment in general conformance to the March 2005 letter.

Foth & Van Dyke prepared the attached memorandum dated October 10, 2005 that summarizes and assesses the data that have been collected in 2005.

In summary, Stream C is an intermittent stream with poor aquatic habitat that lacks aquatic vegetation and aquatic macroinvertebrates. As a result of the poor habitat and very limited food source, no fish were observed in the stream during the 2004 & 2005 biological assessments. Stream C does not possess the types of characteristics that are needed for it to support any type of fishery over a long (season) length of time.

The sediment sampling of the biofilter indicates that the biofilter is functioning as designed. This is supported by the fish and amphibians that have been observed in the biofilter.

The surface water sampling that has been completed within the watershed of Stream C suggests that some areas, particularly those affected by highway runoff, may naturally exhibit elevated copper levels in the water. In addition, the sampling indicates that there

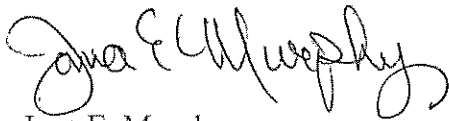
Mr. Lawrence J. Lynch
October 24, 2005
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appear to be localized areas at the industrial outlet that may be contributing elevated copper levels to storm water that passes through the biofilter.

Based on this last point, Flambeau is prepared to implement measures to minimize stormwater contacting the localized areas that may be contributing to the elevated copper levels. Soil samples have been collected and tested for the parameters of interest. Sampling methods, results and a reclamation plan for the localized areas will be forthcoming to the WDNR for review.

If you require further information, please contact me at 715-532-6690 Ext. 2 or jana-murphy@clearwire.net.

Sincerely,



Jana E. Murphy
Environmental & Reclamation Manager

Attachment

Distribution:

Al Christianson, City of Ladysmith
Fred Fox, Kennecott Minerals
Hank Handzel, DeWitt, Ross & Stevens
Jim Hutchison, Foth & Van Dyke
Jon Kleist, WDNR Ladysmith
Ken Markart, WDNR Rhinelander
Tom Portle, WDNR Madison
Randy Tatur, Rusk County Chairman
Tom Riegel, Town of Grant
Mark Steward, Rusk County Zoning

Foth & Van Dyke Memorandum

October 10, 2005

TO: Jana Murphy, Flambeau Mining Company

CC: Master File – 04F003-5000

FR: Steve Donohue
James Hutchison

RE: Stream C – 2005 Analysis of Collected Data

Flambeau Mining Company (Flambeau) provided to the Wisconsin Department of Natural Resources (WDNR) data from monitoring Stream C at the reclaimed Flambeau Mine site in a letter dated January 20, 2005. The department provided comment to the letter in a letter dated March 22, 2005. Flambeau has sampled surface water and sediment in general conformance to the March 2005 letter.

The purpose of this memorandum is to summarize and assess the data that have been collected in 2005. Sampling points are located in Figures 1 and 2.

Biological Assessment of Stream C

Included in Attachment A is a copy of the 2005 Stream C biological assessment that was completed by Blue Iris Environmental, Inc. The assessment was completed on May 24 & 25, 2005. The 2005 biological assessment is a complimentary assessment to the assessment performed on August 17 & 18, 2004. The assessments documented that:

- ♦ The majority of the stream lacks any type of aquatic vegetation.
- ♦ Very few macroinvertebrates species were present in the stream and the macroinvertebrate population appears very sparse.
- ♦ No fish were present in the stream (this is likely due to the lack of suitable habitat, vegetation and macroinvertebrate population).
- ♦ While no fish were present in Stream C, fish and amphibians were present in the biofilter at the Flambeau Mine Site. (Note: after a high rainfall event during 2005, a couple of small minnows were observed in Stream C, possibly out-washed from the biofilter).

Blue Iris concluded that Stream C appears to be very limited in biota in all aspects including aquatic vegetation, macroinvertebrate populations and fish because of the variability in seasonal flow. Note that Stream C appears to convey water only during periods of precipitation and snow

melt, thus stream hydrology is likely to be the dominant factor controlling biological activity in the stream which is limited at best.

Stream C Hydrology

Table 1 summarizes measurements of depth to water at sandpoints installed in the bed of Stream C. The depth to water inside the sandpoint and outside the sandpoint was measured. A condition where the water level in the intermittent stream is higher than the water level in the pipe (depth to water outside the pipe is less than depth to water inside the pipe) demonstrates downward gradients where the stream is losing water to the surrounding shallow aquifer. Conversely, a condition where the water level in the stream is less than the water level in the pipe (depth to water outside the pipe is greater than the depth to water inside the pipe) demonstrates upward gradients whereby shallow groundwater is flowing into the stream. As indicated in Table 1, with the exception of Sandpoint 1, Stream C is consistently losing water to the shallow aquifer and would thus be characterized as a losing stream.

Stream C flow measurements during two events, (4/26/05 and 6/09/05), are summarized in Table 2. During August and September, no flows were observed in Stream C. Qualitative flows at points around the Outlot area during these events are summarized in Table 3. The locations of the qualitative flow descriptions are shown in Figure 2. The flow rates within Stream C varied from 0.09 cubic feet per second (cfs) to 1.2 cfs. Stream C is an intermittent system of limited hydrologic significance.

Biofilter Sediment Sampling Results

Sediment samples were collected from the biofilter on September 10, 2004 through September 9, 2005 during 5 rounds of sampling and analyzed for total copper, total zinc, sulfate and sulfide. The sulfide levels in the sediment samples were nominal, either below the laboratory limit of quantification (LOQ) or just above the LOQ. A copy of the laboratory reports are provided in Attachment B. Figure 1 summarizes the data on copper, zinc and sulfate levels in the biofilter sediments. As stated in the January report, the concentrations of these parameters, specifically copper, were higher in the sediment samples collected by the inlet to the biofilter. The biofilter sediment samples closer to the outlet exhibited much lower concentrations. These data trends indicate that the biofilter is functioning as planned and filtering out the suspended particulates. The higher total copper concentrations in the water that drains into the inlet of the biofilter (BFSW-C1) relative to the outlet (BFSW-C2), supports the conclusion that the biofilter continues to function as designed.

Surface Water Sampling

Extensive surface water sampling was completed as proposed in the August 5, 2004 work plan. Finalized laboratory reports have been obtained from the lab for the September and October 2004, and April, June, August and September 2005 monitoring events. During the August and September monitoring events, drought conditions prevented sampling at all locations. While stormwater runoff would reach the biofilter, flows from the biofilter were limited. Samples from BFSW-C2 during August and September were collected from within the biofilter pond since flows were minimal. These surface water sampling results are provided in Attachment C and are

summarized on Figure 2. Stream flow estimates are shown in Table 2. The following is noted based on the 2004 and 2005 sampling events:

- ♦ Elevated copper concentrations are evident in the influent to the biofilter and appear to be emanating most significantly from the exposed ground located outside the reclaimed mine permit area and within the industrial outlot that drains to sampling point BFSW-C1b. It should be noted that the sample collected at BFSW-C1B2 on August 26, 2005 does not represent typical stormwater quality from this location. A small sample collection sump was constructed within gravels appearing to contain residual sulfide bearing materials. This allowed the storm water sample to have a longer residence time especially during low flows.
- ♦ Elevated copper levels are also noted in samples SW-7 and SW-8, both of which are upstream of the confluence of Stream C and the biofilter outlet. Sampling point SW-8 receives runoff from areas that were, essentially not disturbed by the Flambeau mining operations and reclamation. Moreover, the concentration at SW-8 is greater than the biofilter outlet copper concentration. This suggests that background concentrations of copper at SW-8 are either naturally high or may be locally elevated due to runoff from State Highway 27 which runs adjacent to SW-8. The elevated copper levels at SW-7 are likely associated with the levels at SW-8 since water at SW-8 flows towards SW-7.

Summary and Recommendations

Stream C is an intermittent stream with poor aquatic habitat that lacks aquatic vegetation and aquatic macroinvertebrates. As a result of the poor habitat and very limited food source, no fish were observed in the stream during the 2004 & 2005 assessments. Stream C does not possess the types of characteristics that are needed for it to support any type of fishery over a long (season) length of time. The sediment sampling of the biofilter indicates that it is functioning as designed. This is supported by the fish and amphibians that have been observed in the biofilter. The surface water sampling that has been completed within the watershed of Stream C suggests that some areas, particularly those affected by highway runoff, may naturally exhibit elevated copper levels in the water. In addition, the sampling indicates that there appear to be localized areas at the industrial outlot that may be contributing elevated copper levels to storm water that passes through the biofilter. Based on this last point, Flambeau should consider implementing measures to minimize stormwater contacting the localized areas that may be contributing to the elevated copper levels. At Flambeau's request soil samples were collected by Foth & Van Dyke and tested by NLS for the parameters of interest. Sampling methods, results and recommended reclamation plan for the localized areas will be forthcoming for submittal to the WDNR.

Table 1
Stream C – Sandpoint Monitoring Data 2005
Water Level (measured from the top of the pipe)

Date	Sandpoint No.	Inside Pipe (ft)	Outside Pipe (ft)	Difference (ft)	Groundwater Gradient
04/26/05	1 ⁽¹⁾	0.86	2.38	-1.52	Upward
06/09/05	1 ⁽¹⁾	0.61	2.35	-1.74	Upward
08/27/05	1 ⁽¹⁾	1.52	2.52	-1.00	Upward
09/21/05	1 ⁽¹⁾	1.71	2.51	-0.80	Upward
04/26/05	2 ⁽²⁾	4.09	2.35	+1.74	Downward
06/09/05	2 ⁽²⁾	3.8	2.33	+4.07	Downward
08/27/05	2 ⁽²⁾	6.10	Dry	---	---
09/21/05	2 ⁽²⁾	6.10	Dry	---	---
04/26/05	3 ⁽³⁾	6.10	2.35	+3.75	Downward
06/09/05	3 ⁽³⁾	6.11	2.32	+3.79	Downward
08/26/05	3 ⁽³⁾	6.12	Dry	---	---
09/21/05	3 ⁽³⁾	6.11	Dry	---	---

Notes:

- (1) Sandpoint 1 is located near SW-C5
- (2) Sandpoint 2 is located in a mid-stretch of Stream C
- (3) Sandpoint 3 is located near SW-C6

Prepared by: JBH1
Checked by: REM

Table 2
Stream C Flow Monitoring Data

Station	Date	Discharge (cfs)
SP-1	4-26-05	0.10
SP-2	4-26-05	0.09
SP-3	4-26-05	0.14
SP-1	6-09-05	1.23
SP-2	6-09-05	0.19
SP-3	6-09-05	0.33
SP-1	8-27-05	Standing Water
SP-2	8-27-05	Dry
SP-3	8-26-05	Dry
SP-1	9-21-05	Standing Water
SP-2	9-21-05	Dry
SP-3	9-21-05	Dry

Prepared by: SRB
Checked by: JBH1

Table 3
Outlot Flow Observations – Stream C

Date	Location	Flow Observation
04/26/05	SW-C5	Very Low
04/26/05	BFSW-C2	Very Low
04/26/05	SW-C7	Very Low
04/26/05	SW-C8	Standing water; questionable flow
04/26/05	SW-C3	Standing water; questionable flow
04/26/05	SW-C4	Low Flow
06/09/05	SW-C5	Low to Mod; Culvert ½ full
06/09/05	BFSW-C2	Low Flow
06/09/05	SW-C7	Standing water; questionable flow
06/09/05	SW-C8	Standing water; questionable flow
06/09/05	SW-C3	Standing water; questionable flow
06/09/05	SW-C4	Moderate Flow
08/26/05	SW-C5	Dry
08/26/05	BFSW-C2	No Flow
08/26/05	SW-C7	Dry
08/26/05	SW-C8	Dry
08/26/05	SW-C3	Dry
08/26/05	SW-C4	Dry
09/20/05	SW-C5	Dry
09/20/05	BFSW-C2	No Flow
09/20/05	SW-C7	Dry
09/20/05	SW-C8	Dry
09/20/05	SW-C3	Dry
09/20/05	SW-C4	Dry

Prepared by: JBH1
Checked by: REM

Attachment A

Bioassessment of Stream C

Bioassessment of Stream C
Flambeau Mining Project
May 24/25, 2005

On May 24 and 25, 2005, Blue Iris Environmental, Inc. conducted a bioassessment of intermittent Stream C (Stream C). Stream C includes drainage from locations east of Highway 27 and along the west side of Highway 27. An industrial outlot and associated parking lot, reclaimed rail line and biofilter pond drain into Stream C. The industrial outlot includes the WDNR Service Center and Xcel Energy in residence of the former mine buildings. Stream C flows under Copper Park Lane from the north then takes a meandering southwest direction through woodland to the confluence with the Flambeau River immediately north of the point where Meadowbrook Creek also enters the Flambeau River.

Stream C was previously assessed on August 17 and 18, 2004. This current assessment is a complimentary assessment to the previous assessment the main difference being that the present assessment is done in the spring when there should be water flowing and representative seasonal flora and fauna should be present.

Summary of Observations

In general, the current assessment observations were nearly identical to those observed in fall 2004. The main exception is that there was a stream flow albeit quite limited and prior to the assessment, there were observed at least two species of fish present in the biofilter. One specie was the fathead minnow which, at the time of the assessment there was noted several male of the specie in breeding color and actively conducting nesting activities.

Stream Habitat and Characteristics

Stream flow upstream of Copper Park Lane is unchannelized. Obvious flow originates from the wetland area to the north and east as well as the biofilter pond. Water temperatures were highest at the biofilter outlet (70°F) with lower temperatures downstream of the culvert at Copper Park Lane. Stream flow downstream of Copper Park Lane is channelized. The upper reaches of the channelized portion is characterized by a meandering stream bed with larger rocks and small boulders in the stream bed. Except for the upper most portion of Stream C, most of the stream is wood lined and open under a mature canopy with no stream bank vegetation. In the fall 2004, the stream in places was discontinuous with interspersed gravel beds. In May of 2005, Stream C was observed to be continuous in most places though sometimes the flow passed through in-stream debris and sediment. Stream C is typically passing through a cut channel. The channel lies between one to three feet lower than the surrounding embankment. Downed timber lies in and across the stream in numerous places, which in places, restricts flow and could provide habitat for stream dwellers. In neither the fall of 2004 nor spring of 2005 was stream flow sufficient to cover even the bed of the stream throughout most of the length of the stream.

The second one third of Stream C is characterized by less rocks and boulders and appearing to be more of a flatter run. The substrate in this stretch is softer as the flow is characterized by shallow pools. Shallow pools were interrupted by downed trees and a few raised gravel beds. Pools were between three to six inches deep in the spring.

The lower one third of Stream C is characterized by steeper gradients. With the steeper gradient was observed a return to rock, cobble, and gravel reaches and a narrower stream bed.

Aquatic Vegetation

The majority of Stream C lacks any type of aquatic vegetation. The most vegetated portions of the stream occur only in the areas where the stream enters or exits the woodland. This includes the area along Copper Park Lane and the last 100 feet or so of the stream at the confluence with the Flambeau River. Even near the Flambeau River segment there is not so much in-stream vegetation as there is more of a lush vegetated plain through which the stream meanders. The only in-stream vegetation observed within the wooded segment of the stream were small patches of algae growing on the bottom of the stream in pooled areas. These algae patches were very sparse. (Attached pictures 1 and 2 show the open area of Stream C which enters the wooded canopied area and a close-up of the same area showing filamentous algal growth).

Aquatic Macroinvertebrates

Few macroinvertebrate species were observed either in the fall 2004 or spring 2005. One common species observed was the water strider (*Gerris sp.*) which was observed throughout the entire length of the stream during both seasons. Three other species observed in fall 2004 included one beetle larvae (in-stream observation), one caddisfly casing (vacated casing on submerged stone), and one Odonata exuviae on a tree about midway downstream of Copper Park Lane. In spring 2005 literally hundreds of members of the Order Ephemeroptera were observed. In addition, many caddisfly casings were observed with occupants. Several terrestrial inhabitants which were washed into the stream and drowned were observed beneath overhanging trees. These terrestrial organisms included slugs and Annelida.

Overall, the macroinvertebrate population appears very sparse. Based on the observations that the stream is discontinuous (especially during dry periods), flowing both seasonally and in specific reaches, it would seem reasonable to assume the resident population will need to have short life cycles or be adapted for life cycles which can tolerate significant time windows with little or no flowing water. The general lack of abundant populations of macroinvertebrate species will limit the ability to support other species, such as fish, which require such biota for survival.

One normally associates water quality with various types of aquatic macroinvertebrates. In particular, the presence of members of Ephemeroptera, Tricoptera, and Plecoptera is

indicative of high water quality. The observation that Ephemeroptera and Tricoptera make up a significant proportion of the insect inhabitants suggests that water quality is sufficient to support sensitive species, other conditions being satisfied.

Fish Assessment

No fish were observed in the stream during either assessments conducted fall 2004 or spring 2005. While the fall 2004 observations might have been after a prolonged dry spell, if fish use Stream C in the spring, there was no evidence of such. Temperature gradients from the culvert at Copper Park Lane to the Flambeau River were the same at each monitoring station (SP1, SP2, and SP3) – all reporting 58⁰F. While fish were observed in the biofilter (70⁰F), none were observed in Stream C. One possible reason for the lack of fish in Stream C might be the overwhelming presence of Meadowbrook Creek. Since fish normally run upstream to spawn based on both flow and temperature, Meadowbrook Creek might be both warmer and faster than Stream C to the point that Stream C is overshadowed by the presence of Meadowbrook Creek. Then too, the temperature of the Flambeau River on May 25, 2005 was 61⁰F – three degrees higher than Stream C. It is likely that neither water temperature nor flow (when flow is low) are sufficient to induce fish to migrate upstream on Stream C given conditions observed in May 2005. During periods of high flow, there is no reason to suspect that fish would not migrate upstream (or conversely migrate out of the biofilter downstream). In conversations with Jana Murphy (Kennecott Minerals onsite representative) fish were observed in Stream C in June 2005 after a period of significant rainfall.

Stream C is fully canopied. As such, if fish inhabited Stream C, cool tolerant spawning species may be favored. Warmer tolerant species would migrate up Stream C to breed in warmer pools or, if accessible, the biofilter. A lack of flow late into mid summer, as was documented during the week of September 6, 2004 would preclude inhabitation by either cool tolerant and warm tolerant species.

The potential fish cover within Stream C consists mostly of downed vegetation, rocks, and undercut banks. However, the stream appears to be completely lacking in any aquatic vegetation with the exception of the beginning channelization of Stream C near Copper Park Lane and a small portion of algae observed in the middle pool portion of the stream. Macroinvertebrates were observed in the spring though not in the fall which makes the food supply questionable for any long-term residents. The lack of vegetation and food supply would further preclude inhabitation by fish.

Based on the observed characteristic of Stream C, one would not expect to find fish in Stream C during the late summer as was observed during the August 2004 assessments. (Attached picture 3 is a typical view of a segment of Stream C)

Conclusions

On August 17 and 18, 2004 Stream C was flowing though very minimal. During observations on May 24 and 25, 2005 it was noted that flow was slightly greater than in the fall 2004, however, not sufficient to provide continuous flow throughout the entire reach from Copper Park Lane to the Flambeau River. Stream C is not a continuous flowing stream both seasonally and in portions between Copper Park Lane and the Flambeau River. Most of the feed water from Stream C is made up of unchannelized recharge from wetlands and drainage from the north and east of Copper Park Lane.

The stream appears to be very limited in biota in all aspects including aquatic vegetation, macroinvertebrate populations, and fish. Because of the seasonal flow, it is anticipated that macroinvertebrates and fish will be limited to ephemeral populations, at best, which are restricted to the high flow seasons. Fish will be more limited because of the discontinuous nature of the stream and a general lack of food and habitats. Macroinvertebrates could survive in isolated pools for extended periods of time.

Attachment A

Photo Documentation



Picture 1: Stream C immediately downstream of Copper Lane looking southwest as the stream enters the canopied section of the upper reach.



Picture 2: Close-up of Stream C at a point where it enters the canopied reach showing filamentous algal growth. Once the stream enters the woods, algae is discontinued.



Picture 3: Typical characteristic stream segment showing rock, cobble, and several obstructions which provide for discontinuous flow. Even though this is a wet period, low flow reduces habitat to small runs and shallow pools. This particular picture is in the lower 1/3 of the reach. Upper portions of the stream have greater amounts of meandering, fewer straight runs, more pooling, and more sediment deposits.

Attachment B

Biofilter Sediment Sampling Results

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

Project: Flambeau Mining Co/04F003

Rcvd: 6/10/05
 By: REM
 CC: SDJ
 JBH
 SYD
 File: 10500
 04F003

Printed: 06/06/05 Code: S Page 1 of 3
 NLS Project: 89154
 NLS Customer: 11932
 Fax: 920 497 8516 Phone: 920 497 2500

Soil, BFS-C1-0-1 NLS ID: 369678

Ref. Line 1 COC 60977 Soil, BFS-C1-0-1 Matrix: SO
 Collected: 04/26/05 10:35 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2600	mg/Kg DWB	10	2.2	8.2	05/17/05	SW846 6010	721026460
Solids, total on solids	52.1	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	140	mg/Kg DWB	10	38	77	05/05/05	SW846 9056	721026460
Sulfide, as S	0.35	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	170	mg/Kg DWB	1	0.25	0.74	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C1-1-2 NLS ID: 369679

Ref. Line 2 COC 60977 Soil, BFS-C1-1-2 Matrix: SO
 Collected: 04/26/05 10:35 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	650	mg/Kg DWB	1	0.16	0.61	05/17/05	SW846 6010	721026460
Solids, total on solids	68.2	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	25	51	05/05/05	SW846 9056	721026460
Sulfide, as S	0.11	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	72	mg/Kg DWB	1	0.18	0.55	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C4-0-1.5 NLS ID: 369680

Ref. Line 3 COC 60977 Soil, BFS-C4-0-1.5 Matrix: SO
 Collected: 04/26/05 10:50 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	890	mg/Kg DWB	1	0.42	1.6	05/17/05	SW846 6010	721026460
Solids, total on solids	34.5	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	250	mg/Kg DWB	10	57	110	05/05/05	SW846 9056	721026460
Sulfide, as S	0.18	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	130	mg/Kg DWB	1	0.48	1.4	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C4-1.5-3 NLS ID: 369681

Ref. Line 4 COC 60977 Soil, BFS-C4-1.5-3 Matrix: SO
 Collected: 04/26/05 10:50 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1000	mg/Kg DWB	1	0.24	0.89	05/17/05	SW846 6010	721026460
Solids, total on solids	35.2	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	240	mg/Kg DWB	10	63	130	05/05/05	SW846 9056	721026460
Sulfide, as S	0.19	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	140	mg/Kg DWB	1	0.27	0.80	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

ANALYTICAL REPORT

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 89154
 NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mining Co/04F003

Soil, BFS-C5-0-2 NLS ID: 369682

Ref. Line 5 COC 60977 Soil, BFS-C5-0-2 Matrix: SO
 Collected: 04/26/05 11:00 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1100	mg/Kg DWB	1	0.47	1.8	05/17/05	SW846 6010	721026460
Solids, total on solids	35.3	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	200	mg/Kg DWB	10	58	120	05/05/05	SW846 9056	721026460
Sulfide, as S	0.17	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	130	mg/Kg DWB	1	0.54	1.6	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C5-2.5-5 NLS ID: 369683

Ref. Line 6 COC 60977 Soil, BFS-C5-2.5-5 Matrix: SO
 Collected: 04/26/05 11:00 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	110	mg/Kg DWB	1	0.18	0.68	05/17/05	SW846 6010	721026460
Solids, total on solids	64.8	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	33	67	05/05/05	SW846 9056	721026460
Sulfide, as S	[0.040]	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Analyte concentration detected at a value between MDL and PQL.								
Zinc, tot. recoverable as Zn by ICP	30	mg/Kg DWB	1	0.21	0.61	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C6-0-2.5 NLS ID: 369684

Ref. Line 7 COC 60977 Soil, BFS-C6-0-2.5 Matrix: SO
 Collected: 04/26/05 11:10 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	140	mg/Kg DWB	1	0.23	0.85	05/17/05	SW846 6010	721026460
Solids, total on solids	60.2	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	82	mg/Kg DWB	10	34	69	05/05/05	SW846 9056	721026460
Sulfide, as S	[0.060]	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Analyte concentration detected at a value between MDL and PQL.								
Zinc, tot. recoverable as Zn by ICP	45	mg/Kg DWB	1	0.26	0.77	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

Soil, BFS-C6-2.5-4 NLS ID: 369685

Ref. Line 8 COC 60977 Soil, BFS-C6-2.5-4 Matrix: SO
 Collected: 04/26/05 11:10 Received: 05/04/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	22	mg/Kg DWB	1	0.17	0.64	05/17/05	SW846 6010	721026460
Solids, total on solids	75.3	%	1	0.10*		05/04/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	29	58	05/05/05	SW846 9056	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	05/23/05	M600/2-78-054 3.2.4	998326010
Analyte concentration detected at a value between MDL and PQL.								
Zinc, tot. recoverable as Zn by ICP	38	mg/Kg DWB	1	0.19	0.58	05/17/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					05/12/05	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
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Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 06/06/05 Code: S Page 3 of 3

Client: Foth & Van Dyke Associates (GB)
Attn: Ron Meister
2737 South Ridge Road (54304)
PO Box 19012
Green Bay, WI 54307 9012

NLS Project: 89154

NLS Customer: 11932

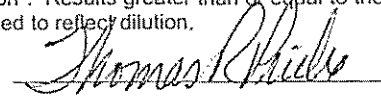
Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mining Co/04F003

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by:



Authorized by:
R. T. Krueger
President

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
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Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

Rcvd: 08/10/05
 By: REM
 CC: JBH
SDJ
SVDI
 File: 10500
04F003

Printed: 08/05/05 Code: S Page 1 of 3
 NLS Project: 90857
 NLS Customer: 11932
 Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mining

Soil BFSC1(6/29) 0"-1" NLS ID: 377329

Ref. Line 1 COC 77191 Soil BFSC1(6/29) 0"-1" Matrix: SO
 Collected: 06/29/05 10:30 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2200	mg/Kg DWB	10	4.1	15	07/25/05	SW846 6010	721026460
Solids, total on solids	46.5	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	42	84	07/08/05	SW846 9056	721026460
Sulfide, as S	0.17	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	160	mg/Kg DWB	1	0.47	1.4	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFSC1(6/29) 1"-2" NLS ID: 377330

Ref. Line 3 COC 77191 Soil BFSC1(6/29) 1"-2" Matrix: SO
 Collected: 06/29/05 10:30 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1100	mg/Kg DWB	10	1.8	6.7	07/25/05	SW846 6010	721026460
Solids, total on solids	60.9	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	26	52	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.10]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	100	mg/Kg DWB	1	0.20	0.61	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFS-C4(6/29) 0"-1.5" NLS ID: 377331

Ref. Line 5 COC 77191 Soil BFS-C4(6/29) 0"-1.5" Matrix: SO
 Collected: 06/29/05 10:40 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	44	mg/Kg DWB	1	0.19	0.70	07/25/05	SW846 6010	721026460
Solids, total on solids	73.4	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	22	44	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.010]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	28	mg/Kg DWB	1	0.21	0.64	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFS-C4(6/29) 1.5"-3.5" NLS ID: 377332

Ref. Line 6 COC 77191 Soil BFS-C4(6/29) 1.5"-3.5" Matrix: SO
 Collected: 06/29/05 10:40 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	20	mg/Kg DWB	1	0.22	0.80	07/25/05	SW846 6010	721026460
Solids, total on solids	77.9	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	28	56	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	35	mg/Kg DWB	1	0.24	0.73	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 90857
 NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mining

Soil BFS-C5(6/29) 0"-2.5" NLS ID: 377333

Ref. Line 7 COC 77191 Soil BFS-C5(6/29) 0"-2.5" Matrix: SO
 Collected: 06/29/05 10:50 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	740	mg/Kg DWB	1	0.38	1.4	07/25/05	SW846 6010	721026460
Solids, total on solids	41.9	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	[69]	mg/Kg DWB	10	53	110	07/08/05	SW846 9056	721026460
Sulfide, as S	0.11	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	110	mg/Kg DWB	1	0.44	1.3	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFS-C5(6/29) 2.5"-5" NLS ID: 377334

Ref. Line 8 COC 77191 Soil BFS-C5(6/29) 2.5"-5" Matrix: SO
 Collected: 06/29/05 10:50 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	570	mg/Kg DWB	1	0.36	1.4	07/25/05	SW846 6010	721026460
Solids, total on solids	51.0	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	[57]	mg/Kg DWB	10	35	71	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.070]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	90	mg/Kg DWB	1	0.41	1.2	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFS-C6(6/29) 0"-2.5" NLS ID: 377335

Ref. Line 9 COC 77191 Soil BFS-C6(6/29) 0"-2.5" Matrix: SO
 Collected: 06/29/05 11:00 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	320	mg/Kg DWB	1	0.35	1.3	07/25/05	SW846 6010	721026460
Solids, total on solids	49.6	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	45	90	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.060]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	80	mg/Kg DWB	1	0.40	1.2	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

Soil BFS-C6(6/29) 2.5"-4" NLS ID: 377336

Ref. Line 10 COC 77191 Soil BFS-C6(6/29) 2.5"-4" Matrix: SO
 Collected: 06/29/05 11:00 Received: 07/02/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	24	mg/Kg DWB	1	0.20	0.74	07/25/05	SW846 6010	721026460
Solids, total on solids	68.3	%	1	0.10*		07/05/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	30	60	07/08/05	SW846 9056	721026460
Sulfide, as S	[0.010]	%	1	0.010*	0.10	07/20/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	43	mg/Kg DWB	1	0.23	0.67	07/25/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					07/13/05	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
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ANALYTICAL REPORT

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WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 08/05/05 Code: S Page 3 of 3

Client: Foth & Van Dyke Associates (GB)
Attn: Ron Meister
2737 South Ridge Road (54304)
PO Box 19012
Green Bay, WI 54307 9012

NLS Project: 90857

NLS Customer: 11932

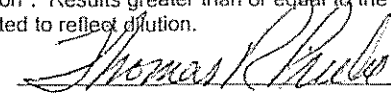
Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mining

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by:



Authorized by:
R. T. Krueger
President

CLIENT **Foth and Van Dyke**
 ADDRESS **2737 S. Ridge Rd P.O. Box 9012**
 CITY **Green Bay** STATE **WI** ZIP **54307**
 PROJECT DESCRIPTION / NO. **Flambéu Mine - Sed. Pond** QUOTATION NO.
 DNR-FID# **Project # 04F603** DNR LICENSE #
 CONTACT **Jim Hutchison** PHONE **920/496-6513**
 PURCHASE ORDER NO. FAX **920/497-6516**

Wisconsin Lab Cert. No. 721026460
 WI DATCP 105-000330

Analytical Laboratory and Environmental Services
 400 North Lake Avenue • Crandon, WI 54520-1298
 Tel: (715) 478-2777 • Fax: (715) 478-3060

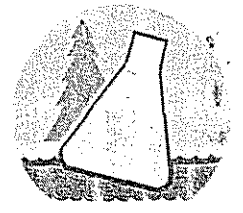
MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
 Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

COPPER TOTAL
 ZINC TOTAL
 SILICATE
 SULFATE

ANALYZER



NO. 77191

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZER										COLLECTION REMARKS (i.e. DNR Well ID #)	
			DATE	TIME		COPPER TOTAL	ZINC TOTAL	SILICATE	SULFATE								
1.	377329	BFSC1(6/29)0"-1"	6/29/05	10:00AM	SED	X	X										1-250cc
2.		BFSC1(6/29)0.5"-1"	6/29/05	10:30AM	SED			X	X								1-100cc
3.	377330	BFSC1(6/29)1"-2"	6/29/05	10:30AM	SED	X	X										1-250cc
4.		BFSC1(6/29)1"-2"	6/29/05	10:30AM	SED			X	X								1-100cc
5.	377331	P.F.S. C-1(6/29)0.5"-1"	6/29/05	10:40AM	SED	X	X	X	X								1-250cc 1-100cc
6.	377332	P.F.S. C-2(6/29)0.5"-1"	6/29/05	10:40AM	SED	X	X	X	X								1-250cc 1-100cc
7.	377333	P.F.S. C-3(6/29)0.5"-1"	6/29/05	10:50AM	SED	X	X	X	X								2-500cc glass
8.	377334	P.F.S. C-4(6/29)0.5"-1"	6/29/05	11:00AM	SED	X	X	X	X								2-500cc glass
9.	377335	P.F.S. C-5(6/29)0.5"-1"	6/29/05	11:00AM	SED	X	X	X	X								2-500cc glass
10.	377336	P.F.S. C-6(6/29)0.5"-1"	6/29/05	11:00AM	SED	X	X	X	X								2-500cc glass

COLLECTED BY (signature) **Scott Hutchison** CUSTODY SEAL NO. (IF ANY)
 DATE/TIME **6/29/05 5:00PM**
 RELINQUISHED BY (signature) **Ken Maister** RECEIVED BY (signature)
 DATE/TIME **7/1/05 9:35AM**
 DISPATCHED BY (signature) METHOD OF TRANSPORT DATE/TIME

REPORT TO **Foth + Van Dyke**

RECEIVED AT NLS BY (signature) **Ken Maister** DATE/TIME **7-2-05 7:40** CONDITION **Good** TEMP **on ICE**
 COOLER # **8284** REMARKS & OTHER INFORMATION
 WDNR FACILITY NUMBER E-MAIL ADDRESS

INVOICE TO **Foth + Van Dyke**

IMPORTANT!

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

Rcvd: 8/11/05
 By: REM
 CC: JBH
SDJ
 File: 10500
04F003

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034
 Printed: 09/06/05 Code: S Page 1 of 3
 NLS Project: 91917
 NLS Customer: 11932
 Fax: 920 497 8516 Phone: 920 497 2500

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

Project: Flambeau Mine - Sediment Pond 04F003

Soil, BFS-C1(8/9)0-1" NLS ID: 381251

Ref. Line 1 COC 78709 Soil, BFS-C1(8/9)0-1" Matrix: SO
 Collected: 08/09/05 10:45 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2600	mg/Kg DWB	10	2.7	9.9	08/23/05	SW846 6010	721026460
Solids, total on solids	46.3	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	110	mg/Kg DWB	10	43	86	08/15/05	SW846 9056	721026460
Sulfide, as S	0.37	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	170	mg/Kg DWB	1	0.30	0.90	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C1(8/9)1-2" NLS ID: 381252

Ref. Line 2 COC 78709 Soil, BFS-C1(8/9)1-2" Matrix: SO
 Collected: 08/09/05 10:45 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	780	mg/Kg DWB	1	0.29	1.1	08/23/05	SW846 6010	721026460
Solids, total on solids	52.9	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	37	74	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.10]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	88	mg/Kg DWB	1	0.32	0.97	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C4(8/9)0-1.5" NLS ID: 381253

Ref. Line 3 COC 78709 Soil, BFS-C4(8/9)0-1.5" Matrix: SO
 Collected: 08/09/05 10:55 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	480	mg/Kg DWB	1	0.40	1.5	08/23/05	SW846 6010	721026460
Solids, total on solids	48.1	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	210	mg/Kg DWB	10	41	81	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.090]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	84	mg/Kg DWB	1	0.45	1.3	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C4(8/9)1.5-3.5" NLS ID: 381254

Ref. Line 4 COC 78709 Soil, BFS-C4(8/9)1.5-3.5" Matrix: SO
 Collected: 08/09/05 10:55 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	110	mg/Kg DWB	1	0.21	0.78	08/23/05	SW846 6010	721026460
Solids, total on solids	68.7	%	1	0.10*		08/15/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	62	mg/Kg DWB	10	26	52	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.030]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	36	mg/Kg DWB	1	0.24	0.71	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91917
 NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mine - Sediment Pond 04F003

Soil, BFS-C5(8/9)0-2.5" NLS ID: 381255

Ref. Line 5 COC 78709 Soil, BFS-C5(8/9)0-2.5" Matrix: SO

Collected: 08/09/05 11:05 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	400	mg/Kg DWB	1	0.25	0.91	08/23/05	SW846 6010	721026460
Solids, total on solids	62.0	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	[37]	mg/Kg DWB	10	34	67	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.070]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	69	mg/Kg DWB	1	0.28	0.83	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C5(8/9)2.5-5" NLS ID: 381256

Ref. Line 5 COC 78709 Soil, BFS-C5(8/9)2.5-5" Matrix: SO

Collected: 08/09/05 11:05 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	24	mg/Kg DWB	1	0.14	0.53	08/23/05	SW846 6010	721026460
Solids, total on solids	75.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	29	58	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	34	mg/Kg DWB	1	0.16	0.49	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C6(8/9)0-2.5" NLS ID: 381257

Ref. Line 6 COC 78709 Soil, BFS-C6(8/9)0-2.5" Matrix: SO

Collected: 08/09/05 11:15 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	33	mg/Kg DWB	1	0.22	0.80	08/23/05	SW846 6010	721026460
Solids, total on solids	71.3	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	22	44	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	36	mg/Kg DWB	1	0.24	0.73	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, BFS-C6(8/9)2.5-4" NLS ID: 381258

Ref. Line 7 COC 78709 Soil, BFS-C6(8/9)2.5-4" Matrix: SO

Collected: 08/09/05 11:15 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	61	mg/Kg DWB	1	0.20	0.75	08/23/05	SW846 6010	721026460
Solids, total on solids	65.2	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	25	49	08/15/05	SW846 9056	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	41	mg/Kg DWB	1	0.23	0.68	08/23/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 09/06/05 Code: S Page 3 of 3

Client: Foth & Van Dyke Associates (GB)
Attn: Ron Meister
2737 South Ridge Road (54304)
PO Box 19012
Green Bay, WI 54307 9012

NLS Project: 91917

NLS Customer: 11932

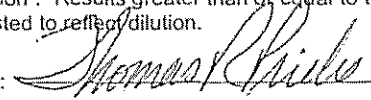
Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mine - Sediment Pond 04F003

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by:



Authorized by:
R. T. Krueger
President

CLIENT: *Foth and Van Dyke*
 ADDRESS: *2937 S. Ridge Road*
 CITY: *Green Bay* STATE: *WI* ZIP: *54307*
 PROJECT DESCRIPTION / NO.: *Amleau Mine - Sediment Bore* QUOTATION NO.:
 DNR FID #: *04 F003* DNR LICENSE #:
 CONTACT: *Jim Hutchison* PHONE: *920/496-6813*
 PURCHASE ORDER NO.: FAX: *920/497-8516*

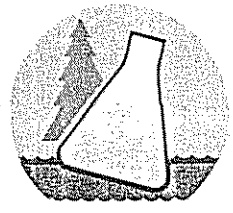
Wisconsin Lab Cert. No. 721026460
 WI DATCP 105-000330

Analytical Laboratory and Environmental Services
 400 North Lake Avenue • Crandon, WI 54520-1298
 Tel: (715) 478-2777 • Fax: (715) 478-3060

MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
 Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS	COPPER TOTAL																			
	ZINC TOTAL																			
	SULFIDE																			
	SULFATE																			



NO. 78709

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)					
			DATE	TIME		COPPER TOTAL	ZINC TOTAL	SULFIDE	SULFATE												
1.	381251	BFS-C1(8/9) 0"-1"	8/9/05	10:45 AM	SED	X	X	X	X												2-250cc GLASSES
2.	381252	BFS-C1(8/9) 1"-2"	8/9/05	10:45 AM	SED	X	X	X	X												
3.	381253	BFS-C4(8/9) 0"-1.5"	8/9/05	10:55 AM	SED	X	X	X	X												
4.	381254	BFS-C5(8/9) 1.5"-3.5"	8/9/05	10:55 AM	SED	X	X	X	X												
5.	381255	BFS-C5(8/9) 0"-2.5"	8/9/05	11:05 AM	SED	X	X	X	X												
6.	381256	BFS-C5(8/9) 2.5"-5"	8/9/05	11:05 AM	SED	X	X	X	X												
7.	381257	BFS-C6(8/9) 0"-2.5"	8/9/05	11:15 AM	SED	X	X	X	X												
8.	381258	BFS-C6(8/9) 2.5"-4"	8/9/05	11:15 AM	SED	X	X	X	X												
9.																					
10.																					

COLLECTED BY (signature) _____ CUSTODY SEAL NO. (IF ANY) _____ DATE/TIME _____
 RELINQUISHED BY (signature) _____ RECEIVED BY (signature) _____ DATE/TIME _____
 DISPATCHED BY (signature) _____ METHOD OF TRANSPORT _____ DATE/TIME _____

REPORT TO _____

RECEIVED AT NLS BY (signature) _____ DATE/TIME *8/11/05 10:30* CONDITION *AMIC* TEMP _____
 COOLER # *28-102* REMARKS & OTHER INFORMATION *Handwritten notes and 'REM'*
 PRESERVATIVE: N = nitric acid OH = sodium hydroxide
 NP = no preservative Z = zinc acetate HA = hydrochloric & ascorbic acid
 S = sulfuric acid M = methanol H = hydrochloric acid
 WDNR FACILITY NUMBER _____ E-MAIL ADDRESS _____

INVOICE TO _____

IMPORTANT:
 1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
 2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
 4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034
 Printed: 10/14/05 Code: S Page 1 of 2

Client: Foth & Van Dyke Associates (GB)
 Attn: Jim Hutchison
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

Rcvd: 10/18/05
 By: REM
 CC: JBH
 SDJ
 SVDI
 File: 10500
 04FC03

NLS Project: 92809
 NLS Customer: 11932
 Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mine-Sed Pond

Soil, BFS-C1 (9/9)0-1 NLS ID: 384952

Ref. Line 1 COC 76857 Soil, BFS-C1 (9/9)0-1 Matrix: SO
 Collected: 09/09/05 10:45 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2200	mg/Kg DWB	10	4.1	15	09/21/05	SW846 6010	721026460
Solids, total on solids	34.6	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	[65]	mg/Kg DWB	10	54	110	09/15/05	SW846 9056	721026460
Sulfide, as S	0.40	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	160	mg/Kg DWB	1	0.46	1.4	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Soil, BFS-C1 (9/9)0-2 NLS ID: 384953

Ref. Line 2 COC 76857 Soil, BFS-C1 (9/9)0-2 Matrix: SO
 Collected: 09/09/05 10:45 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2000	mg/Kg DWB	10	2.4	9.1	09/21/05	SW846 6010	721026460
Solids, total on solids	59.5	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	33	67	09/15/05	SW846 9056	721026460
Sulfide, as S	0.29	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	150	mg/Kg DWB	1	0.28	0.82	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Soil, BFS-C4 (9/9)0-1.5 NLS ID: 384954

Ref. Line 3 COC 76857 Soil, BFS-C4 (9/9)0-1.5 Matrix: SO
 Collected: 09/09/05 10:56 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1100	mg/Kg DWB	1	0.52	2.0	09/21/05	SW846 6010	721026460
Solids, total on solids	27.5	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	[110]	mg/Kg DWB	10	71	140	09/15/05	SW846 9056	721026460
Sulfide, as S	0.19	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	140	mg/Kg DWB	1	0.59	1.8	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Soil, BFS-C4 (9/9)1.5-3.5 NLS ID: 384955

Ref. Line 4 COC 76857 Soil, BFS-C4 (9/9)1.5-3.5 Matrix: SO
 Collected: 09/09/05 10:56 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	280	mg/Kg DWB	1	0.25	0.93	09/21/05	SW846 6010	721026460
Solids, total on solids	56.3	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	49	98	09/15/05	SW846 9056	721026460
Sulfide, as S	[0.050]	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	55	mg/Kg DWB	1	0.28	0.85	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Client: Foth & Van Dyke Associates (GB)
 Attn: Jim Hutchison
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 92809

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau Mine-Sed Pond

Soil, BFS-C5 (9/9)0-2.5 NLS ID: 384956

Ref. Line 5 COC 76857 Soil, BFS-C5 (9/9)0-2.5 Matrix: SO

Collected: 09/09/05 11:05 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	340	mg/Kg DWB	1	0.24	0.91	09/21/05	SW846 6010	721026460
Solids, total on solids	57.1	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	37	74	09/15/05	SW846 9056	721026460
Sulfide, as S	[0.050]	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	66	mg/Kg DWB	1	0.28	0.83	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Soil, BFS-C6 (9/9)0-2.5 NLS ID: 384957

Ref. Line 6 COC 76857 Soil, BFS-C6 (9/9)0-2.5 Matrix: SO

Collected: 09/09/05 11:15 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	480	mg/Kg DWB	1	0.53	2.0	09/21/05	SW846 6010	721026460
Solids, total on solids	31.9	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	66	130	09/15/05	SW846 9056	721026460
Sulfide, as S	0.25	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	110	mg/Kg DWB	1	0.61	1.8	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Soil, BFS-C6 (9/9)2.5-4 NLS ID: 384958

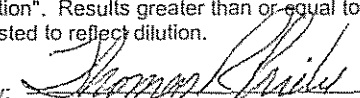
Ref. Line 7 COC 76857 Soil, BFS-C6 (9/9)2.5-4 Matrix: SO

Collected: 09/09/05 11:15 Received: 09/14/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	37	mg/Kg DWB	1	0.28	1.0	09/21/05	SW846 6010	721026460
Solids, total on solids	70.6	%	1	0.10*		09/14/05	ASTM D2216	721026460
Sulfate, as SO4 on solids	ND	mg/Kg DWB	10	22	44	09/15/05	SW846 9056	721026460
Sulfide, as S	[0.020]	% DWB	1	0.010*	0.10	10/10/05	M600/2-78-054 3.2.4	998326010
Zinc, tot. recoverable as Zn by ICP	27	mg/Kg DWB	1	0.32	0.94	09/21/05	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					09/20/05	SW846 3050M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 1000

Reviewed by: 
 Authorized by: R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

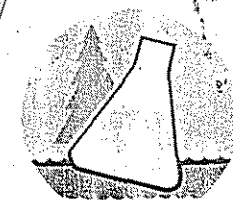
CLIENT <i>Foth and Van Dyke + Assoc. Inc</i>	
ADDRESS <i>2737 S. Ridge Road</i>	
CITY <i>Green Bay</i>	STATE <i>WI</i>
ZIP <i>54208</i>	
PROJECT DESCRIPTION / NO. <i>Lambeau Mound Sed Pond</i>	QUOTATION NO.
DNR-PID# <i>04F003</i>	DNR LICENSE #
CONTACT <i>Jim Hutchison</i>	PHONE <i>920/496-6813</i>
PURCHASE ORDER NO.	FAX <i>920/494-8516</i>

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.



NO. 76857

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS				COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME		Copper Total C	Zinc Total C	Sulfide C	Sulfate C	
1.	384252	BFS-C1(9/9)0"-1"	9/9/05	1045	SED	X	X	X	X	2 - 500cc glass NOS Sample PEN
2.	384253	BFS-C1(9/9)1"-2"	9/9/05	1045	SED	X	X	X	X	
3.	384254	BFS-C4(9/9)0"-1.5"	9/9/05	1056	SED	X	X	X	X	
4.	384255	BFS-C4(9/9)1.5"-3.5"	9/9/05	1056	SED	X	V	X	X	
5.	384256	BFS-C5(9/9)0-2.5"	9/9/05	1105	SED	X	X	X	X	
6.	384257	BFS-C5(9/9)2.5"-5"	9/9/05	1105	SED	X	X	X	X	
7.	384258	BFS-C6(9/9)0-2.5"	9/9/05	1115	SED	X	X	X	X	
8.	384259	BFS-C6(9/9)2.5"-4"	9/9/05	1115	SED	V	X	X	X	
9.										
10.										

COLLECTED BY (signature) <i>Scott Janssen</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>9/9/05/5 PM</i>
RELINQUISHED BY (signature) <i>Don Mentzer</i>	RECEIVED BY (signature) <i>Don Mentzer</i>	DATE/TIME <i>9/13/05 7:00 AM</i>
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO

RECEIVED AT NLS BY (signature) <i>Don Mentzer</i>	DATE/TIME <i>9/13/05</i>	CONDITION <i>Good</i>	TEMP
COOLER #	REMARKS & OTHER INFORMATION <i>DNR</i>		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
			E-MAIL ADDRESS

INVOICE TO

IMPORTANT!

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICE TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Attachment C

Surface Water Sampling Results

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 04/20/05 Code: S Page 1 of 1

Client: Flambeau Mining Company
Attn: Jana Murphy
N4100 Highway 27
Ladysmith, WI 54848

NLS Project: 88490

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: SW-C4

SW-C4 NLS ID: 366724

Ref. Line 1 COC 68434 SW-C4 Matrix: SW
Collected: 04/06/05 12:30 Received: 04/07/05

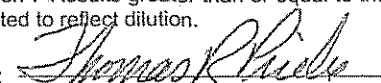
Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	190	umho@25C	1			04/20/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	5.7	ug/L	1	1.3	4.0	04/15/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	9.2	mg/L	1	1.0*	2.0	04/15/05	EPA 200.7	721026460
pH, Lab	7.92	s.u.	1			04/12/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[4.7]	mg/L	10	2.5	5.0	04/11/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	15	ug/L	1	5.0*	10	04/15/05	EPA 200.7	721026460
Lab filtration	yes					04/11/05	NA	721026460
Metals digestion - tot. recov. ICP	yes					04/11/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by:



Authorized by:
R. T. Krueger
President

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 05/04/05 Code: S Page 1 of 3

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 89016

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC - April 2005

BFSW-C1B1 NLS ID: 369153

Ref. Line 1 COC 76600 BFSW-C1B1 Matrix: SW
 Collected: 04/25/05 14:45 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	263	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	130	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	33	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	7.47	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	22	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	94	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

BFSW-C1 NLS ID: 369154

Ref. Line 2 COC 76600 BFSW-C1 Matrix: SW
 Collected: 04/26/05 09:00 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	548	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	780	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	94	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.99	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	63	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	110	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

SW-C6 NLS ID: 369155

Ref. Line 3 COC 76600 SW-C6 Matrix: SW
 Collected: 04/26/05 13:25 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	195	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	14	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	39	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	7.19	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	8.7	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	38	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

SW-C4 NLS ID: 369156

Ref. Line 4 COC 76600 SW-C4 Matrix: SW
 Collected: 04/26/05 14:15 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	123	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	[3.1]	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	20	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	7.04	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[2.8]	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	11	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

ANALYTICAL REPORT

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 05/04/05 Code: S Page 2 of 3

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 89016
 NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC - April 2005

SW-C5 NLS ID: 369157

Ref. Line 5 COC 76600 SW-C5 Matrix: SW
 Collected: 04/26/05 15:16 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	180	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	24	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	26	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.85	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	7.1	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	100	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

BFSW-C2 NLS ID: 369158

Ref. Line 6 COC 76600 BFSW-C2 Matrix: SW
 Collected: 04/26/05 15:45 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	279	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	27	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	29	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.82	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	6.0	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	[6.8]	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

SW-C7 NLS ID: 369159

Ref. Line 7 COC 76600 SW-C7 Matrix: SW
 Collected: 04/26/05 16:10 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	166	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	14	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	20	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.92	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	5.2	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	94	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

SW-C8 NLS ID: 369160

Ref. Line 8 COC 76600 SW-C8 Matrix: SW
 Collected: 04/26/05 16:50 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	348	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	38	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	25	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.68	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[4.2]	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	33	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 05/04/05 Code: S Page 3 of 3

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 89016

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC - April 2005

SW-C3 NLS ID: 369161

Ref. Line 9 COC 76600 SW-C3 Matrix: SW
 Collected: 04/26/05 17:00 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	101	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	11	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	13	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.82	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	6.7	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	[6.4]	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

BFSW-C1 NLS ID: 369162

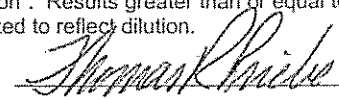
Ref. Line 10 COC 76600 BFSW-C1 Matrix: SW
 Collected: 04/26/05 00:00 Received: 04/28/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	546	umho@25C	1			05/03/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	780	ug/L	1	1.3	4.0	05/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	90	mg/L	1	1.0*	2.0	05/03/05	EPA 200.7	721026460
pH, Lab	6.31	s.u.	1			05/03/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	54	mg/L	10	2.5	5.0	04/29/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	110	ug/L	1	5.0*	10	05/03/05	EPA 200.7	721026460
Lab filtration	yes					04/29/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					04/30/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

Reviewed by:



Authorized by:
 R. T. Krueger
 President

CLIENT: **Flambrau Mining Co.**
 ADDRESS: **N4100 Hwy 27**
 CITY: **Ladysmith** STATE: **WI** ZIP: **54848**
 PROJECT DESCRIPTION / NO.: **ISC - April 2005** QUOTATION NO.:
 DNR FID #: **855 034 730** DNR LICENSE #: **03180**
 CONTACT: **Jara E. Murphy** PHONE: **715-532-6690**
 PURCHASE ORDER NO.: FAX: **715-532-6895**

Wisconsin Lab Cert. No. 721026460
 WI DATCP 105-000330

Analytical Laboratory and Environmental Services
 400 North Lake Avenue • Crandon, WI 54520-1298
 Tel: (715) 478-2777 • Fax: (715) 478-3060

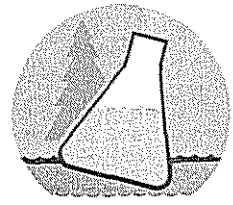
MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
 Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

T Ca
 THardness
 Diss. Sulfate
 T ED
 OH
 Conductivity

PARAMETER



NO. 76600

ITEM NO.	NLS LAB No	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS						COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME		T Ca	THardness	Diss. Sulfate	T ED	OH	Conductivity	
1.	53	BFSW-C1B1	4-25-05	2:45PM	SW	X	X	X	X	X	X	
2.	15	BFSW-C1	4-26-05	9:00AM	SW	X	X	X	X	X	X	
3.	15	SW-C6	4-26-05	11:25 AM	SW	X	X	X	X	X	X	
4.	269	SW-C4	4-26-05	2:15 PM	SW	X	X	X	X	X	X	
5.	269	SW-C5	4-26-05	3:16 PM	SW	X	X	X	X	X	X	
6.	54155	BFSW-C2	4-26-05	3:45 PM	SW	X	X	X	X	X	X	
7.	54157	SW-C7	4-26-05	4:10 PM	SW	X	X	X	X	X	X	
8.	54160	SW-C8	4-26-05	4:50 PM	SW	X	X	X	X	X	X	
9.	54160	SW-C3	4-26-05	5:00 PM	SW	X	X	X	X	X	X	
10.	54162	BFSW-C1	4-26-05	??	SW	X	X	X	X	X	X	

COLLECTED BY (signature): *Jara E. Murphy* CUSTODY SEAL NO. (IF ANY): DATE/TIME:
 RELINQUISHED BY (signature): RECEIVED BY (signature): DATE/TIME:
 DISPATCHED BY (signature): *Jara E. Murphy* METHOD OF TRANSPORT: **UPS/Ground** DATE/TIME: **2:00PM/4-27-05**
 RECEIVED AT NLS BY (signature): DATE/TIME: CONDITION: TEMP:
 COOLER #: **54100** REMARKS & OTHER INFORMATION: *** Lab filtered sulfate * Total Metals**
 PRESERVATIVE: N = nitric acid OH = sodium hydroxide
 NP = no preservative Z = zinc acetate HA = hydrochloric & ascorbic acid
 S = sulfuric acid M = methanol H = hydrochloric acid
 WDNR FACILITY NUMBER: E-MAIL ADDRESS: **murphyj@kenecott.com**

REPORT TO: **Flambrau Mining Co.**
 INVOICE TO: **same**

IMPORTANT!
 1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
 2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
 4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.
 DUPLICATE COPY

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 05/25/05 Code: S Page 1 of 2

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 89519
 NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: Ind Outlot Runoff May 2005

BFSW-C1B2 NLS ID: 370778

Ref. Line 1 COC 76616 BFSW-C1B2 Matrix: SW
 Collected: 05/13/05 09:17 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	206	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	6300	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	38	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	5.74	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	60	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	330	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

BFSW-C1B1 NLS ID: 370779

Ref. Line 2 COC 76616 BFSW-C1B1 Matrix: SW
 Collected: 05/13/05 09:23 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	36	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	76	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	6.3	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.45	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[3.6]	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	24	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

BFSW-C1B NLS ID: 370780

Ref. Line 3 COC 76616 BFSW-C1B Matrix: SW
 Collected: 05/13/05 09:31 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	64	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	840	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	13	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.28	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	14	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	68	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

BFSW-C1A NLS ID: 370781

Ref. Line 4 COC 76616 BFSW-C1A Matrix: SW
 Collected: 05/13/05 09:40 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	66	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	120	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	8.9	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.40	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	8.0	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	24	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

ANALYTICAL REPORT

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 89519

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: Ind Outlot Runoff May 2005

BFSW-C1B4 NLS ID: 370782

Ref. Line 5 COC 76616 BFSW-C1B4 Matrix: SW
 Collected: 05/13/05 13:16 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	158	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	670	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	46	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.11	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	57	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	51	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

BFSW-C1B3 NLS ID: 370783

Ref. Line 6 COC 76616 BFSW-C1B3 Matrix: SW
 Collected: 05/13/05 13:28 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	76	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	150	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	18	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.91	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	6.4	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	63	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

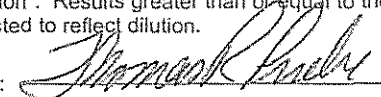
BFSW-C1B5 NLS ID: 370784

Ref. Line 7 COC 76616 BFSW-C1B5 Matrix: SW
 Collected: 05/13/05 13:40 Received: 05/17/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	112	umho@25C	1			05/18/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	330	ug/L	1	1.3	4.0	05/24/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	24	mg/L	1	1.0*	2.0	05/24/05	EPA 200.7	721026460
pH, Lab	6.28	s.u.	1			05/18/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	27	mg/L	10	2.5	5.0	05/19/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	42	ug/L	1	5.0*	10	05/24/05	EPA 200.7	721026460
Lab filtration	yes					05/18/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					05/21/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

Reviewed by:  Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

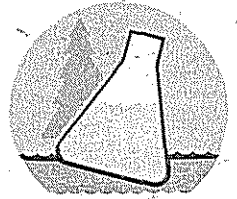
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>Flambeau Mining Co.</i>		
ADDRESS <i>N4100 Hwy 27</i>		
CITY <i>Ladysmith</i>	STATE <i>WI</i>	ZIP <i>54848</i>
PROJECT DESCRIPTION / NO. <i>Ind Outlet Runoff May 2005</i>		QUOTATION NO.
DNR FID # <i>855 034 730</i>	DNR LICENSE # <i>03180</i>	
CONTACT <i>Jana E. Murphy</i>	PHONE <i>715-532-6840</i>	
PURCHASE ORDER NO.	FAX <i>715-532-6885</i>	

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.										
	T Cu	T Hardness	Diss Sulfate*	T Zn	Hg	Conductivity					



NO. 76616

ITEM NO.	NLS LABEL NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS											COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME		T Cu	T Hardness	Diss Sulfate*	T Zn	Hg	Conductivity						
1.	370782	BFSW-C1B2	5-13-05	9:17 AM	SW	X	X	X	X	X	X						
2.	370783	BFSW-C1B1	5-13-05	9:23 AM	SW	X	X	X	X	X	X						
3.	370780	BFSW-C1B3	5-13-05	9:31 AM	SW	X	X	X	X	X	X						
4.	370781	BFSW-C1A	5-13-05	9:40 AM	SW	X	X	X	X	X	X						
5.	370782	BFSW-C1B4	5-13-05	1:16 PM	SW	X	X	X	X	X	X						
6.	370783	BFSW-C1B3	5-13-05	1:28 PM	SW	X	X	X	X	X	X						
7.	370784	BFSW-C1B5	5-13-05	1:40 PM	SW	X	X	X	X	X	X						
8.																	
9.																	
10.																	

COLLECTED BY (signature) <i>Jana E. Murphy</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME	
RELINQUISHED BY (signature) <i>Jana E. Murphy</i>	RECEIVED BY (signature)	DATE/TIME	
DISPATCHED BY (signature) <i>Jana E. Murphy</i>	METHOD OF TRANSPORT <i>UPS Ground</i>	DATE/TIME <i>5/16/05 2:00 PM</i>	
RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP
COOLER # <i>3434</i>	REMARKS & OTHER INFORMATION <i>* Lab filtered sulfate *</i>		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
			E-MAIL ADDRESS <i>murphy@adiscover.net.net</i>

REPORT TO <i>Flambeau Mining Co.</i>
INVOICE TO <i>same</i>

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 90186

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-June 2005

BF SW-C1B4 NLS ID: 373964

Ref. Line 1 COC 80259 BF SW-C1B4 Matrix: SW

Collected: 06/08/05 10:23 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	523	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	690	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	14	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	8.25	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	17	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	52	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C1B3 NLS ID: 373965

Ref. Line 2 COC 80259 BF SW-C1B3 Matrix: SW

Collected: 06/08/05 10:32 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	44	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	93	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	9.6	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	8.31	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[4.6]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	41	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C1B1 NLS ID: 373966

Ref. Line 3 COC 80259 BF SW-C1B1 Matrix: SW

Collected: 06/08/05 10:41 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	31	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	64	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	5.5	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	8.13	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[2.5]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	23	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C1B2 NLS ID: 373967

Ref. Line 4 COC 80259 BF SW-C1B2 Matrix: SW

Collected: 06/08/05 10:47 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	92	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	2300	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	14	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	7.17	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	23	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	140	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 06/23/05 Code: S Page 2 of 5

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 90186

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-June 2005

BF SW-C1B NLS ID: 373968

Ref. Line 5 COC 80259 BF SW-C1B Matrix: SW
 Collected: 06/08/05 10:51 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	44	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	590	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	6.9	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	7.31	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	10	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	46	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C1B5 NLS ID: 373969

Ref. Line 6 COC 80259 BF SW-C1B5 Matrix: SW
 Collected: 06/08/05 10:56 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	76	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	290	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	31	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.88	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	20	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	39	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C1A NLS ID: 373970

Ref. Line 7 COC 80259 BF SW-C1A Matrix: SW
 Collected: 06/08/05 11:08 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	45	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	90	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	5.5	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	7.26	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	5.9	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	16	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BF SW-C2 NLS ID: 373971

Ref. Line 8 COC 80259 BF SW-C2 Matrix: SW
 Collected: 06/09/05 08:55 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	222	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	46	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	32	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.85	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	6.5	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	[5.8]	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 90186

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-June 2005

SW-C7 NLS ID: 373972

Ref. Line 9 COC 80259 SW-C7 Matrix: SW
 Collected: 06/09/05 09:06 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	90	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	41	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	17	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.89	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[2.7]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	200	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

BFSW-C1 NLS ID: 373973

Ref. Line 10 COC 80259 BFSW-C1 Matrix: SW
 Collected: 06/08/05 00:00 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	130	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	530	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	25	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.71	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	23	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	46	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

SW-C3 NLS ID: 373974

Ref. Line 1 COC 80259 SW-C3 Matrix: SW
 Collected: 06/08/05 00:00 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	36	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	15	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	15	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.81	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[2.6]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	10	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

SW-C3FF NLS ID: 373975

Ref. Line 2 COC 80259 SW-C3FF Matrix: SW
 Collected: 06/08/05 00:00 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	50	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	15	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	24	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.70	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[3.1]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	28	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 06/23/05 Code: S Page 4 of 5

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 90186

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-June 2005

BFSW-C1FF NLS ID: 373976

Ref. Line 3 COC 80259 BFSW-C1FF Matrix: SW
 Collected: 06/07/05 18:00 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	248	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	1800	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	67	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.41	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	36	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	160	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

SW-C6 NLS ID: 373977

Ref. Line 4 COC 80259 SW-C6 Matrix: SW
 Collected: 06/09/05 12:02 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	154	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	36	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	31	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.67	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[4.3]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	32	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

SW-C4 NLS ID: 373978

Ref. Line 5 COC 80259 SW-C4 Matrix: SW
 Collected: 06/09/05 13:09 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	137	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	8.7	ug/L	1	1.3	4.0	06/14/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	22	mg/L	1	1.0*	2.0	06/14/05	EPA 200.7	721026460
pH, Lab	6.72	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	ND	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	13	ug/L	1	5.0*	10	06/14/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/11/05	EPA 200.7M	721026460

SW-C5 NLS ID: 373979

Ref. Line 6 COC 80259 SW-C5 Matrix: SW
 Collected: 06/09/05 13:47 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	125	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	52	ug/L	1	1.3	4.0	06/22/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfill/trace)	20	mg/L	1	1.0*	2.0	06/22/05	EPA 200.7	721026460
pH, Lab	6.73	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	[2.7]	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	70	ug/L	1	5.0*	10	06/22/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/21/05	EPA 200.7M	721026460

Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDATCP Laboratory ID No. 721020460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 06/23/05 Code: S Page 5 of 5

Client: Flambeau Mining Company
Attn: Jana Murphy
N4100 Highway 27
Ladysmith, WI 54848

NLS Project: 90186

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-June 2005

SW-C8 NLS ID: 373980

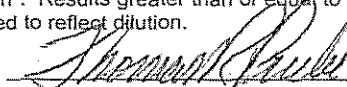
Ref. Line 7 COC 80259 SW-C8 Matrix: SW
Collected: 06/09/05 14:09 Received: 06/10/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	200	umho@25C	1			06/14/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	170	ug/L	1	1.3	4.0	06/22/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	15	mg/L	1	1.0*	2.0	06/22/05	EPA 200.7	721026460
pH, Lab	6.80	s.u.	1			06/14/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	ND	mg/L	10	2.5	5.0	06/13/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	47	ug/L	1	5.0*	10	06/22/05	EPA 200.7	721026460
Lab filtration	yes					06/13/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					06/21/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

Reviewed by:



Authorized by:
R. T. Krueger
President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298

Tel: (715) 478-2777 • Fax: (715) 478-3060

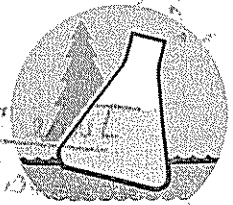
pg. 1 of 2

CLIENT Flambeau Mining Co.	
ADDRESS N4100 Hwy 27	
CITY Ladysmith	STATE WI
ZIP 54848	
PROJECT DESCRIPTION / NO. ISC - June 2005	QUOTATION NO.
DNR FID # 855 034 730	DNR LICENSE # 03180
CONTACT Jana E. Murphy	PHONE 715-532-1640
PURCHASE ORDER NO.	FAX 715-532-1688

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS	TOTAL	THIOCYANIDES	DISSULFIDES	TZ	PH	COND					



NO. 80259

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS						COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME		TOTAL	THIOCYANIDES	DISSULFIDES	TZ	PH	COND	
1.	51091	BFSW - C184	6-8-05	10:23 AM	SW	X	X	X	X	X	X	
2.	51091	BFSW - C183	6-8-05	10:32 AM	SW	X	X	X	X	X	X	
3.	51091	BFSW - C181	6-8-05	10:41 AM	SW	X	X	X	X	X	X	
4.	51091	BFSW - C182	6-8-05	10:47 AM	SW	X	X	X	X	X	X	
5.	51091	BFSW - C18	6-8-05	10:51 AM	SW	X	X	X	X	X	X	
6.	51091	BFSW - C185	6-8-05	10:56 AM	SW	X	X	X	X	X	X	
7.	51091	BFSW - C1A	6-8-05	11:08 AM	SW	X	X	X	X	X	X	
8.	51091	BFSW - C2	6-9-05	8:55 AM	SW	X	X	X	X	X	X	
9.	51091	SW - C7	6-9-05	9:06 AM	SW	X	X	X	X	X	X	
10.	51091	BFSW - C1	6-8-05	---	SW	X	X	X	X	X	X	

COLLECTED BY (signature) <i>Jana E. Murphy</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 6-9-05 7:30 PM
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature) <i>Jana E. Murphy</i>	METHOD OF TRANSPORT Hand Delivered	DATE/TIME 6-10-05
RECEIVED AT NLS BY (signature) <i>D. Williams</i>	DATE/TIME 6/10/05 9:25	CONDITION Good
COOLER # 34-75	REMARKS & OTHER INFORMATION * Lab filtration for sulfate *	TEMP
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid
WDNR FACILITY NUMBER	E-MAIL ADDRESS murphy@kennebecot4.com	

REPORT TO Flambeau Mining Co.
INVOICE TO Flambeau Mining Co.

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

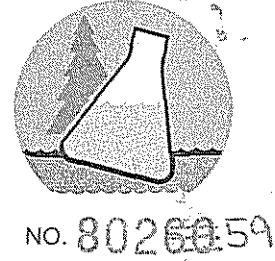
pg. 2 of 2

CLIENT Flambeau Mining Co.		
ADDRESS NU100 Hwy 27		
CITY Ladysmith	STATE WI	ZIP 54848
PROJECT DESCRIPTION / NO. ISC - June 2005		QUOTATION NO.
DNR FID # 855 034 730	DNR LICENSE # 03180	
CONTACT Sara Murphy	PHONE 715-532-1000	
PURCHASE ORDER NO.		FAX 530-10885

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS	Turb	T Hardness	Diss Solids	T-Zn	PH	Alkalinity														



ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)					
			DATE	TIME		Turb	T Hardness	Diss Solids	T-Zn	PH	Alkalinity										
1.		SW-C3	6-8-05		SW	X	X	X	X	X	X										
2.		SW-C3FF	6-8-05		SW	X	X	X	X	X	X										
3.		BESW-C1FF	6-8-05	~6:00 PM	SW	X	X	X	X	X	X										
4.		SW-C6	6-9-05	12:02 PM	SW	X	X	X	X	X	X										
5.		SW-C4	6-9-05	1:09 PM	SW	X	X	X	X	X	X										
6.		SW-C5	6-9-05	1:47 PM	SW	X	X	X	X	X	X										
7.		SW-C8	6-9-05	2:09 PM	SW	X	X	X	X	X	X										
8.																					
9.																					
10.																					

COLLECTED BY (signature) Sara Murphy	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 6-9-05 7:30 PM	
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME	
DISPATCHED BY (signature) Sara Murphy	METHOD OF TRANSPORT Hand Delivered	DATE/TIME 6-10-05	
RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP
COOLER # 21-25	REMARKS & OTHER INFORMATION *Lab filtration for sulfate*		
PRESERVATIVE: N = nitric acid NP = no preservative S = sulfuric acid	OH = sodium hydroxide HA = hydrochloric & ascorbic acid M = methanol H = hydrochloric acid	WDNR FACILITY NUMBER	E-MAIL ADDRESS murphy.j@keimco.com

REPORT TO
Flambeau Mining Co.

INVOICE TO
Flambeau Mining Co.

IMPORTANT:
1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.
DUPLICATE COPY

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/12/05 Code: S Page 1 of 2

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 92421

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-Aug 2005

BFSW-C1 NLS ID: 383450

Ref. Line 1 COC 78629 BFSW-C1 Matrix: SW
 Collected: 08/27/05 19:30 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	278	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	2000	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	56	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	5.69	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	74	mg/L	10	2.5	5.0	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	360	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

BFSW-C1B3 NLS ID: 383451

Ref. Line 2 COC 78629 BFSW-C1B3 Matrix: SW
 Collected: 08/26/05 18:53 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	96	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	410	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	38	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	7.24	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	7.0	mg/L	10	2.5	5.0	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	130	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

BFSW-C1B2 NLS ID: 383452

Ref. Line 3 COC 78629 BFSW-C1B2 Matrix: SW
 Collected: 08/26/05 19:56 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	292	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	100000	ug/L	10	13	40	09/09/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	170	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	7.34	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	630	mg/L	50	13	25	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	3900	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

BFSW-C1B4 NLS ID: 383453

Ref. Line 4 COC 78629 BFSW-C1B4 Matrix: SW
 Collected: 08/26/05 18:48 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	264	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	3500	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	61	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	8.01	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	83	mg/L	20	5.0	10	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	280	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 92421

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-Aug 2005

BFSW-C1B NLS ID: 383454

Ref. Line 5 COC 78629 BFSW-C1B Matrix: SW
 Collected: 08/26/05 19:03 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	300	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	10000	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	39	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	5.26	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	110	mg/L	20	5.0	10	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	580	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

BFSW-C2 NLS ID: 383455

Ref. Line 6 COC 78629 BFSW-C2 Matrix: SW
 Collected: 08/26/05 19:43 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	218	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	41	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	39	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	6.21	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	6.0	mg/L	10	2.5	5.0	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	[9.1]	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

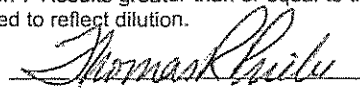
BFSW-C1A NLS ID: 383456

Ref. Line 7 COC 78629 BFSW-C2 Matrix: SW
 Collected: 08/26/05 19:12 Received: 08/30/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	165	umho@25C	1			08/31/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	340	ug/L	1	1.3	4.0	09/08/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfilt/trace)	9.9	mg/L	1	1.0*	2.0	09/08/05	EPA 200.7	721026460
pH, Lab	7.01	s.u.	1			08/31/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	34	mg/L	10	2.5	5.0	09/08/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	39	ug/L	1	5.0*	10	09/08/05	EPA 200.7	721026460
Lab filtration	yes					08/31/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/06/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

Reviewed by:  Authorized by:
 R. T. Krueger
 President

MCL = Maximum Contaminant Levels for Drinking Water Samples

AMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

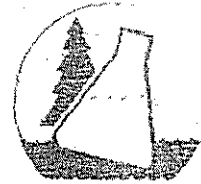
CLIENT: **Flambeau Mining Co.**
 ADDRESS: **N4100 Hwy 27**
 CITY: **Ladysmith WI** STATE: **WI** ZIP: **54848**
 PROJECT DESCRIPTION / NO.: **ISC - Aug 2005** QUOTATION NO.:
 DNR FID #: **855 034 730** DNR LICENSE #: **02180**
 CONTACT: **Jana Murphy** PHONE: **715-532-6640**
 PURCHASE ORDER NO.: FAX: **532-6885**

MATRIX:
 SW = surface water
 WW = waste water
 GW = groundwater
 DW = drinking water
 TIS = tissue
 AIR = air
 SOIL = soil
 SED = sediment
 PROD = product
 SL = sludge
 OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
 Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS

TCU	Thalass	Diss Solids	TSS	PH	COND	OTHER
-----	---------	-------------	-----	----	------	-------



NO. 78629

ITEM NO.	NLS HASLING	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS							COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME		TCU	Thalass	Diss Solids	TSS	PH	COND	OTHER	
1.	883450	BFSW-C1	8-27-05	7:30 pm	SW	X	X	X	X	X	X		
2.	883451	BFSW-C1B3	8-26-05	6:53 pm	SW	X	X	X	X	X	Y		
3.	883452	BFSW-C1B2	8-26-05	7:56 pm	SW	X	X	X	X	X	X		
4.	883453	BFSW-C1B4	8-26-05	6:48 pm	SW	X	X	X	X	X	X		
5.	883454	BFSW-C1B	8-26-05	7:03 pm	SW	X	X	X	X	X	X		
6.	883455	BFSW-C2	8-26-05	7:43 pm	SW	X	X	X	X	X	Y		
7.	883456	BFSW-C1A	8-26-05	7:12 pm	SW	X	X	X	X	X	X		
8.													
9.													
10.													

COLLECTED BY (signature): **Jana Murphy** CUSTODY SEAL NO. (IF ANY): DATE/TIME: **8-26-05 + 8-27-05**

RELINQUISHED BY (signature): RECEIVED BY (signature): DATE/TIME:

DISPATCHED BY (signature): **Jana Murphy** METHOD OF TRANSPORT: **UPS Ground** DATE/TIME: **2:00 PM 8-29-05**

RECEIVED AT NLS BY (signature): **Jana Czupanski** DATE/TIME: **9/25/05** CONDITION: **original** TEMP: **40°**

COOLER # REMARKS & OTHER INFORMATION: *** Lab filtration for sulfate**

WONR FACILITY NUMBER: E-MAIL ADDRESS: **murphyj@kennebecott.com**

REPORT TO: **Flambeau Mining**

INVOICE TO: **Flambeau Mining**

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICE TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

ORIGINAL COPY

P.001.001
 715 532 6885
 715-478-3060
 08:15 FROM: NORTHERN LAKE SERV
 OCT-24-2005

ANALYTICAL REPORT

Client: Flambeau Mining Company
 Attn: Jana Murphy
 N4100 Highway 27
 Ladysmith, WI 54848

NLS Project: 93059

NLS Customer: 11750

Fax: 715 532 6885 Phone: 715 532 6690

Project: ISC-Sept. 2005

BFSW-CI FF NLS ID: 385988

Ref. Line 1 COC 78630 BFSW-CI FF Matrix: SW
 Collected: 09/19/05 00:00 Received: 09/21/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	220	umho@25C	1			09/23/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	1400	ug/L	1	1.3	4.0	10/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	47	mg/L	1	1.0*	2.0	10/03/05	EPA 200.7	721026460
pH, Lab	7.81	s.u.	1			09/23/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	62	mg/L	10	2.5	5.0	09/23/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	360	ug/L	1	5.0*	10	10/03/05	EPA 200.7	721026460
Lab filtration	yes					09/22/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/26/05	EPA 200.7M	721026460

BFSW-CI NLS ID: 385989

Ref. Line 2 COC 78630 BFSW-CI Matrix: SW
 Collected: 09/19/05 00:00 Received: 09/21/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	208	umho@25C	1			09/23/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	1400	ug/L	1	1.3	4.0	10/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	45	mg/L	1	1.0*	2.0	10/03/05	EPA 200.7	721026460
pH, Lab	7.66	s.u.	1			09/23/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	60	mg/L	10	2.5	5.0	09/23/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	370	ug/L	1	5.0*	10	10/03/05	EPA 200.7	721026460
Lab filtration	yes					09/22/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/26/05	EPA 200.7M	721026460

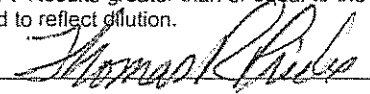
BFSW-C2 NLS ID: 385990

Ref. Line 3 COC 78630 BFSW-C2 Matrix: SW
 Collected: 09/20/05 12:45 Received: 09/21/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Conductivity, lab	202	umho@25C	1			09/23/05	EPA 120.1	721026460
Copper, tot. recoverable as Cu by ICP-Trace	61	ug/L	1	1.3	4.0	10/03/05	EPA 200.7	721026460
Hardness, tot. recoverable as CaCO3 (calc/unfil/trace)	32	mg/L	1	1.0*	2.0	10/03/05	EPA 200.7	721026460
pH, Lab	7.69	s.u.	1			09/23/05	EPA 150.1	721026460
Sulfate, as SO4 (filtered)	5.0	mg/L	10	2.5	5.0	09/23/05	EPA 300.0	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	12	ug/L	1	5.0*	10	10/03/05	EPA 200.7	721026460
Lab filtration	yes					09/22/05	NA	721026460
Metals digestion - tot. recov.ICP	yes					09/26/05	EPA 200.7M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000

Reviewed by:  Authorized by:
 R. T. Krueger
 President

MCL = Maximum Contaminant Levels for Drinking Water Samples

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

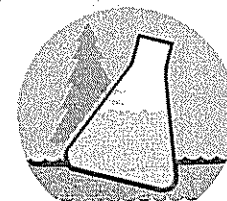
CLIENT Flambeau Mining Co.	
ADDRESS N4100 Hwy 27	
CITY Ladysmith	STATE WI
ZIP 54848	
PROJECT DESCRIPTION / NO. ISC - Sept. 2005	QUOTATION NO.
DNR FID # 855-034-1730	DNR LICENSE # 03180
CONTACT Jana E. Murphy	PHONE 715-532-1440
PURCHASE ORDER NO.	FAX 715-532-1825

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.											
	Turbidity	THICKNESS	Diss Solids *	TSS	pH	COND						



NO. 78630

ITEM NO.	NLS LAB No.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS												COLLECTION REMARKS (I.e. DNR Well ID #)
			DATE	TIME		Turbidity	THICKNESS	Diss Solids *	TSS	pH	COND							
1.	335-88	BFSW - C1 FF	9-19-05	AM	SW	X	X	X	X	X	X						Grab	
2.	950	BFSW - C1	9-19-05	Composite	SW	X	X	X	X	X	X						Composite	
3.	1170	BFSW - C2 LINE	9-20-05	12:45 PM	SW	X	X	X	X	X	X						Grab	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

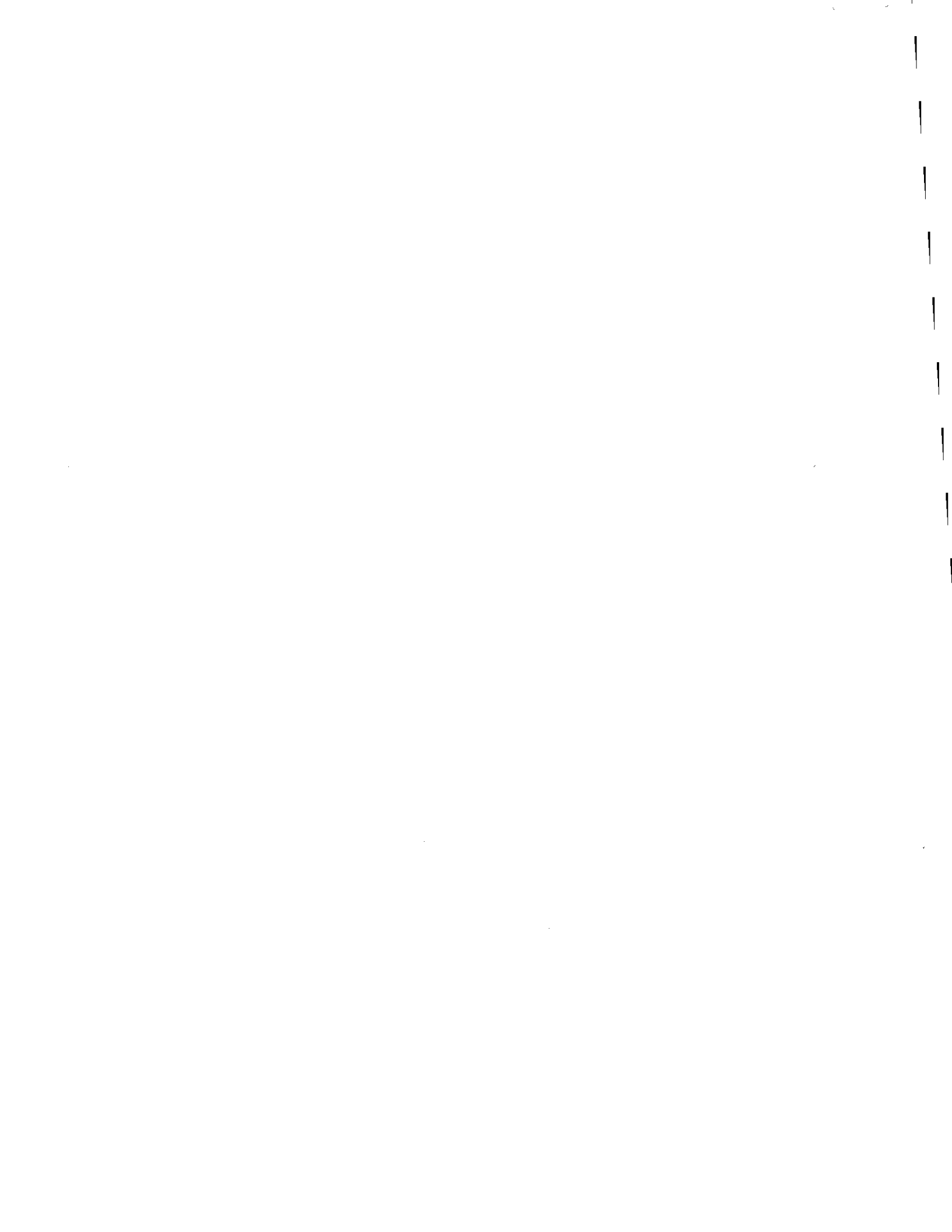
COLLECTED BY (signature) Jana E. Murphy	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 9-20-05
RELINQUISHED BY (signature) Jana E. Murphy	RECEIVED BY (signature) [Signature]	DATE/TIME
DISPATCHED BY (signature) Jana E. Murphy	METHOD OF TRANSPORT UPS Ground	DATE/TIME 9-20-05 2:00 PM
RECEIVED AT NLS BY (signature) [Signature]	DATE/TIME 9-21-05 10:00	CONDITION [Signature]
COOLER # 16230	REMARKS & OTHER INFORMATION * Lab filtration for sulfate *	TEMP.
PRESERVATIVE: NP = no preservative S = sulfuric acid	WDNR FACILITY NUMBER	E-MAIL ADDRESS jana-murphy@clearwire.net

REPORT TO Flambeau Mining Co.
INVOICE TO Flambeau Mining Co.

IMPORTANT

- TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
- PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
- RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
- PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Attachment 2



NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/08/05 Code: S Page 1 of 5

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91918

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: 04F003/Flambeau Mining

Soil, SS-3 Shallow 0-4" NLS ID: 381259

Ref. Line 1 COC 78707 Soil, SS-3 Shallow 0-4" Matrix: SO

Collected: 08/09/05 12:30 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	910	mg/Kg DWB	10	1.5	5.7	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.7	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	94.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.49	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-3 Deep 6-10" NLS ID: 381260

Ref. Line 2 COC 78707 Soil, SS-3 Deep 6-10" Matrix: SO

Collected: 08/09/05 12:45 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	2900	mg/Kg DWB	10	1.9	7.0	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.5	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	88.7	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.89	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-9 0-4" NLS ID: 381261

Ref. Line 3 COC 78707 Soil, SS-9 0-4" Matrix: SO

Collected: 08/09/05 13:00 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	9.0	mg/Kg DWB	1	0.16	0.61	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.4	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	94.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	ND	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-15 0-4" NLS ID: 381262

Ref. Line 4 COC 78707 Soil, SS-15 0-4" Matrix: SO

Collected: 08/09/05 13:15 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1300	mg/Kg DWB	10	1.8	6.7	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.2	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	82.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.36	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/08/05 Code: S Page 2 of 5

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91918

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: 04F003/Flambeau Mining

Soil, SS-16 0-4" NLS ID: 381263

Ref. Line 5 COC 78707 Soil, SS-16 0-4" Matrix: SO

Collected: 08/09/05 13:25 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	23	mg/Kg DWB	1	0.14	0.52	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.9	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	80.7	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP yes 08/18/05 SW846 3050M 721026460

Soil, SS-17 0-4" NLS ID: 381264

Ref. Line 6 COC 78707 Soil, SS-17 0-4" Matrix: SO

Collected: 08/09/05 13:30 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	770	mg/Kg DWB	10	1.4	5.1	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.7	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	87.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.64	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP yes 08/18/05 SW846 3050M 721026460

Soil, SS-10 0-4" NLS ID: 381265

Ref. Line 7 COC 78707 Soil, SS-10 0-4" Matrix: SO

Collected: 08/09/05 13:40 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	180	mg/Kg DWB	1	0.17	0.65	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.8	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	71.0	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.030]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP yes 08/18/05 SW846 3050M 721026460

Soil, SS-1 0-4" NLS ID: 381266

Ref. Line 8 COC 78707 Soil, SS-1 0-4" Matrix: SO

Collected: 08/09/05 13:50 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	300	mg/Kg DWB	1	0.14	0.54	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	4.3	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	84.2	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.27	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP yes 08/18/05 SW846 3050M 721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/08/05 Code: S Page 3 of 5

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91918

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: 04F003/Flambeau Mining

Soil, SS-5 0-4" NLS ID: 381267

Ref. Line 9 COC 78707 Soil, SS-5 0-4" Matrix: SO

Collected: 08/09/05 14:00 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	330	mg/Kg DWB	1	0.14	0.52	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.2	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	88.0	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.18	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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Soil, SS-2 0-4" NLS ID: 381268

Ref. Line 10 COC 78707 Soil, SS-2 0-4" Matrix: SO

Collected: 08/09/05 14:10 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	28	mg/Kg DWB	1	0.14	0.51	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.9	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	87.9	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.010]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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Soil, SS-7 0-4" NLS ID: 381269

Ref. Line 1 COC 78773 Soil, SS-7 0-4" Matrix: SO

Collected: 08/09/05 14:10 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	820	mg/Kg DWB	10	1.3	4.7	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.6	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	97.4	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.64	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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Soil, SS-14 0-4" NLS ID: 381270

Ref. Line 2 COC 78773 Soil, SS-14 0-4" Matrix: SO

Collected: 08/09/05 14:15 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	440	mg/Kg DWB	1	0.16	0.62	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.4	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	97.7	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.69	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/08/05 Code: S Page 4 of 5

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91918

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: 04F003/Flambeau Mining

Soil, SS-11 0-4" NLS ID: 381271

Ref. Line 3 COC 78773 Soil, SS-11 0-4" Matrix: SO
 Collected: 08/09/05 14:20 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	350	mg/Kg DWB	1	0.14	0.53	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	3.8	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	98.6	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.65	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-4 0-4" NLS ID: 381272

Ref. Line 4 COC 78773 Soil, SS-4 0-4" Matrix: SO
 Collected: 08/09/05 14:25 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	470	mg/Kg DWB	1	0.18	0.65	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	4.6	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	93.9	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.090]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-12 0-4" NLS ID: 381273

Ref. Line 5 COC 78773 Soil, SS-12 0-4" Matrix: SO
 Collected: 08/09/05 14:45 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	1500	mg/Kg DWB	10	1.4	5.3	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	4.9	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	87.2	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.52	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

Soil, SS-13 0-4" NLS ID: 381274

Ref. Line 6 COC 78773 Soil, SS-13 0-4" Matrix: SO
 Collected: 08/09/05 15:30 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	70	mg/Kg DWB	1	0.14	0.51	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.9	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	91.4	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.060]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010
Relative percent difference exceeded limit.								
Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 09/08/05 Code: S Page 5 of 5

Client: Foth & Van Dyke Associates (GB)
 Attn: Ron Meister
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 91918

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: 04F003/Flambeau Mining

Soil, SS-06A 0-4" NLS ID: 381275

Ref. Line 7 COC 78773 Soil, SS-06A 0-4" Matrix: SO
 Collected: 08/09/05 15:45 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	550	mg/Kg DWB	1	0.16	0.60	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	5.1	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	95.1	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	0.49	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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Soil, SS-06B 0-4" NLS ID: 381276

Ref. Line 8 COC 78773 Soil, SS-06B 0-4" Matrix: SO
 Collected: 08/09/05 15:55 Received: 08/11/05

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	120	mg/Kg DWB	1	0.16	0.59	08/23/05	SW846 6010	721026460
pH, lab (soil/sludge)	6.5	s.u. pHw	1			08/24/05	SW846 9045	721026460
Solids, total on solids	92.7	%	1	0.10*		08/11/05	ASTM D2216	721026460
Sulfide, as S	[0.020]	%	1	0.010*	0.10	08/23/05	M600/2-78-054 3.2.4	998326010

Relative percent difference exceeded limit.

Metals digestion - tot. recov (solid) ICP	yes					08/18/05	SW846 3050M	721026460
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Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
 MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by: _____
 Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

1 of 2

CLIENT <i>FOTA: VAN DYKE</i>	
ADDRESS <i>P.O. Box 19012</i>	
CITY <i>GREEN BAY WI</i>	STATE <i>WI</i>
ZIP <i>54307-9012</i>	
PROJECT DESCRIPTION / NO. <i>04F003 / Flambeau Mining</i>	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT <i>Ron Meister</i>	PHONE <i>920-497-2500</i>
PURCHASE ORDER NO.	FAX

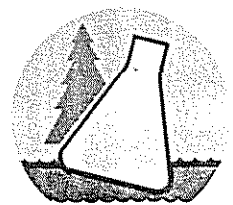
Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS	Copper Total																			
	Sulfide																			
	Soil pH																			



NO. 78707

ITEM NO.	NLS LABEL NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)					
			DATE	TIME		Copper Total	Sulfide	Soil pH													
1.		SS-3 0-4"	8/9/05	1230	Soil	X	X	X													Shallow Gravel Fill
2.		SS-3 6-10"	8/9/05	1245	Soil	X	X	X													Deep
3.		SS-9 0-4"	8/9/05	1300	Soil	X	X	X													
4.		SS-15 0-4"	8/9/05	1315	Soil	X	X	X													
5.		SS-16 0-4"	8/9/05	1325	Soil	X	X	X													
6.		SS-17 0-4"	8/9/05	1330	Soil	X	X	X													
7.		SS-10 0-4"	8/9/05	1340	Soil	X	X	X													
8.		SS-1 0-4"	8/9/05	1350	Soil	X	X	X													
9.		SS-5 0-4"	8/9/05	1400	Soil	X	X	X													
10.		SS-2 0-4"	8/9/05	1410	Soil	X	X	X													

COLLECTED BY (signature) <i>Scott Jensen</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>8/10/05 1500</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
*Ron Meister
FOTA: VAN DYKE
P.O. Box 19012
GREEN BAY, WI 54307*

RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP.
COOLER # <i>28-136</i>	REMARKS & OTHER INFORMATION		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
		E-MAIL ADDRESS	

INVOICE TO

IMPORTANT

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

CLIENT COPY

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

20FZ

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>Fork: VAN DYKE</i>	
ADDRESS <i>P.O. Box 19012</i>	
CITY <i>GREEN BAY</i>	STATE <i>WI</i>
ZIP <i>54307-9012</i>	
PROJECT DESCRIPTION / NO. <i>04F003 / Flambeau Mining</i>	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT <i>RON MEISTER</i>	PHONE <i>920-497-2500</i>
PURCHASE ORDER NO.	FAX

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.									
	<i>Copper, Total</i>									
	<i>Sulfide</i>									
	<i>Soil pH</i>									
	PARAMETER									



NO. 78773

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)	
			DATE	TIME													
1.		<i>SS-7 0-4"</i>	<i>8/9/05</i>	<i>1410</i>	<i>Soil</i>	X	X	X									
2.		<i>SS-10 0-4"</i>	<i>8/9/05</i>	<i>1415</i>	<i>Soil</i>	X	X	X									
3.		<i>SS-11 0-4"</i>	<i>8/9/05</i>	<i>1420</i>	<i>Soil</i>	X	X	X									
4.		<i>SS-4 0-4"</i>	<i>8/9/05</i>	<i>1425</i>	<i>Soil</i>	X	X	X									
5.		<i>SS-12 0-4"</i>	<i>8/9/05</i>	<i>1445</i>	<i>Soil</i>	X	X	X									<i>SATURATED Running Flowing Water</i>
6.		<i>SS-13 0-4"</i>	<i>8/9/05</i>	<i>1530</i>	<i>Soil</i>	X	X	X									
7.		<i>SS-06A 0-4</i>	<i>8/9/05</i>	<i>1545</i>	<i>Soil</i>	X	X	X									<i>Shallow</i>
8.		<i>SS-06B 0-4</i>	<i>8/9/05</i>	<i>1555</i>	<i>Soil</i>	Y	X	X									<i>Deep</i>
9.																	
10.																	

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>8/10/05 1330</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
*RON MEISTER
Fork: VAN DYKE
P.O. Box 19012
GREEN BAY, WI 54307*

RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP.
REMARKS & OTHER INFORMATION <i>COOLER # 28125</i>			
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
			E-MAIL ADDRESS

INVOICE TO

IMPORTANT:

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Attachment 3

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 04/17/06 Code: S Page 1 of 2

Client: Foth & Van Dyke Associates (GB)
 Attn: Scott Janssen
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 97236

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau / 06F007

Soil, Gravel Fill E/W NLS ID: 401668

Ref. Line 1 COC 85212 Soil, Gravel Fill E/W Matrix: SO

Collected: 04/05/06 13:10 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	31	mg/Kg DWB	1	0.26	0.97	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	7.8	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	91.3	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, EW-2 NLS ID: 401669

Ref. Line 2 COC 85212 Soil, EW-2 Matrix: SO

Collected: 04/05/06 13:30 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	7.3	mg/Kg DWB	1	0.23	0.86	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	6.6	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	88.7	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, EW-1 NLS ID: 401670

Ref. Line 3 COC 85212 Soil, EW-1 Matrix: SO

Collected: 04/05/06 13:35 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	8.2	mg/Kg DWB	1	0.20	0.74	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	7.5	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	87.9	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, NS-1 NLS ID: 401671

Ref. Line 4 COC 85212 Soil, NS-1 Matrix: SO

Collected: 04/05/06 13:55 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	8.7	mg/Kg DWB	1	0.21	0.76	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	7.4	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	88.3	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, NS-2 NLS ID: 401672

Ref. Line 5 COC 85212 Soil, NS-2 Matrix: SO

Collected: 04/05/06 14:15 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	13	mg/Kg DWB	1	0.19	0.69	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	7.1	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	88.5	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. W100034

Printed: 04/17/06 Code: S Page 2 of 2

Client: Foth & Van Dyke Associates (GB)
 Attn: Scott Janssen
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 97236

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau / 06F007

Soil, Gravel Fill N/S NLS ID: 401673

Ref. Line 6 COC 85212 Soil, Gravel Fill N/S Matrix: SO

Collected: 04/05/06 14:20 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	26	mg/Kg DWB	1	0.24	0.89	04/10/06	SW846 6010	721026460
pH, lab (soil/sludge)	7.2	s.u. pHw	1			04/07/06	SW846 9045	721026460
Solids, total on solids	94.3	%	1	0.10*		04/07/06	ASTM D2216	721026460
Sulfide, as S	ND	mg/Kg DWB	1	0.10*		04/12/06	SM4500S2-E	NA
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
 MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by: _____
 Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT FOTH: Van Dyke	
ADDRESS PO BOX 19012	
CITY Green Bay	STATE WI
ZIP 54307	
PROJECT DESCRIPTION / NO. Flambeau / 06FO07	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT Scott Janssen / Jim Harrison	PHONE 720-497-2500
PURCHASE ORDER NO.	FAX

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

ANALYZE PER ORDER OF ANALYSIS	USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered. Indicate G or C if WW Sample is Grab or Composite.										
	SW	WW	GW	DW	TIS	AIR	SOIL	SED	PROD	SL	OTHER
GW 5W184-6010	X	X	X	X							
PH 126	X	X	X	X							
SW 84-9045	X	X	X	X							
AIR 105	X	X	X	X							
SL 1512	X	X	X	X							
PROD 78-1054 3.2	X	X	X	X							



ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)	
			DATE	TIME		SW	WW	GW	DW	TIS	AIR	SOIL	SED	PROD	SL		OTHER
1.		Grndl Fill E/W	4/5/06	1310	SW	X	X	X	X								
2.		EW-2	4/5/06	1330		X	X	X	X								
3.		EW-1	4/5/06	1335		X	X	X	X								
4.		NS-1	4/5/06	1355		X	X	X	X								
5.		NS-2	4/5/06	1415		X	X	X	X								
6.		Grndl F. II W/S	4/5/06	1420		X	X	X	X								
7.																	
8.																	
9.		RUSH															
10.		Quick Turn Around															

COLLECTED BY (signature) <i>Scott Janssen</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 4/6/06 0945
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
FOTH: Van Dyke

RECEIVED AT NLS BY (signature) <i>Michelle Johnson</i>	DATE/TIME 4-06-06 9:45	CONDITION Dried	TEMP.
COOLER # 16-48	REMARKS & OTHER INFORMATION		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
			E-MAIL ADDRESS

INVOICE TO
Flambeau

IMPORTANT!

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE LISTED AS REPORT TO AND LISTED AS INVOICE TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Attachment 4

Table 1
Soil and Surface Water Results Along Hwy 27

Sample Location	Soil Copper (mg/kg)	Soil Zinc (mg/kg)	Soil Percent Solids (%)	Surface Water Copper (µg/L)	Surface Water Zinc (µg/L)
N1	33	58	70.7	30	92
N2	85	730	45.9	NS	NS
N3	34	69	84.9	NS	NS
N4	22	45	86.6	NS	NS
S1	28	180	77.3	NS	NS
S2	12	190	72.3	35	160
S3	14	53	67.7	33	24
S4	17	45	80.1	NS	NS

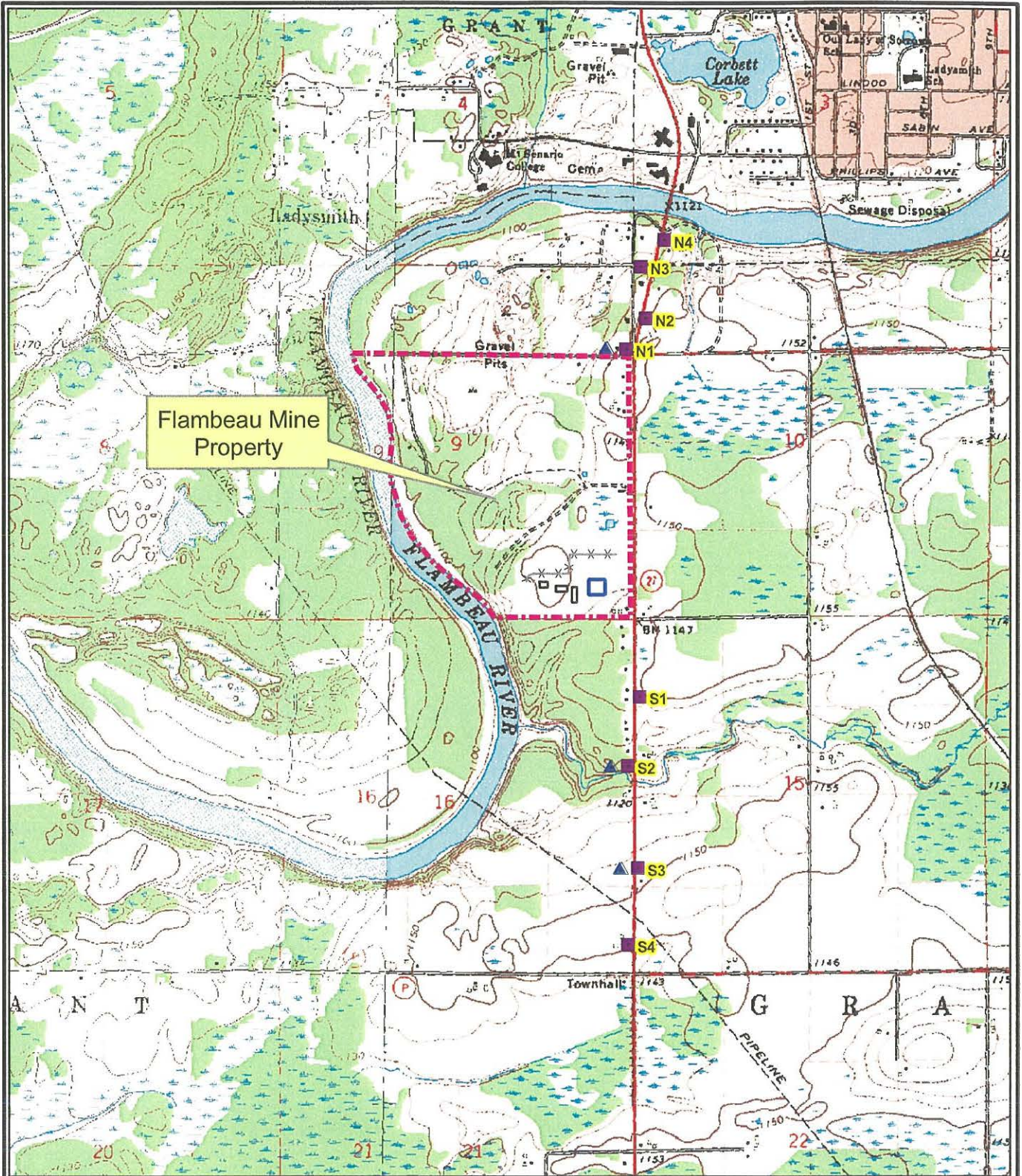
Notes: sampling event occurred on April 5, 2006.

NS=not sampled due to no water present.

All soil samples taken from the top 4 inches of soil at each location.

Prepared by: JBH1

Checked by: SVD1



Flambeau Mine Property

- ▲ Surface Water Sample Site
 - Soil Sample Site
 - Building
 - X-X- Fence
 - Pond
- Source: Wisconsin DNR.
-

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:		JBH1	DATE: APR. '06
APPROVED BY:		SVD1	DATE: APR. '06
APPROVED BY:			DATE:

Kennecott Minerals

FIGURE 1
FLAMBEAU MINE
SOIL AND SURFACE WATER
SAMPLE LOCATIONS ALONG HWY 27

Scale: 0 500 1,000 1,500 Feet Date: APRIL 17, 2006

Prepared by: **Foth & Van Dyke** By: PEP1 06F006

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
 WDATCP Laboratory Certification No. 105-330
 EPA Laboratory ID No. WI00034

Printed: 04/12/06 Code: S Page 1 of 2

Client: Foth & Van Dyke Associates (GB)
 Attn: Jim Hutchison
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 97237
 NLS Customer: 11932
 Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau 06F006

Soil, N-1 0-4 NLS ID: 401674

Ref. Line 1 COC 85213 Soil, N-1 0-4 Matrix: SO
 Collected: 04/05/06 09:50 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	33	mg/Kg DWB	1	0.25	0.93	04/10/06	SW846 6010	721026460
Solids, total on solids	70.7	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	58	mg/Kg DWB	1	0.24	0.89	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

N-1 NLS ID: 401675

Ref. Line 2 COC 85213 N-1 Matrix: SW
 Collected: 04/05/06 09:50 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP-Trace	30	ug/L	1	1.3	4.0	04/11/06	EPA 200.7	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	92	ug/L	1	5.0*	10	04/11/06	EPA 200.7	721026460
Metals digestion - tot. recov. ICP	yes					04/10/06	EPA 200.7M	721026460

Soil, N-2 0-4 NLS ID: 401676

Ref. Line 3 COC 85213 Soil, N-2 0-4 Matrix: SO
 Collected: 04/05/06 10:05 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	85	mg/Kg DWB	1	0.40	1.5	04/10/06	SW846 6010	721026460
Solids, total on solids	45.9	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	730	mg/Kg DWB	1	0.38	1.4	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, N-3 0-4 NLS ID: 401677

Ref. Line 4 COC 85213 Soil, N-3 0-4 Matrix: SO
 Collected: 04/05/06 10:25 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	34	mg/Kg DWB	1	0.23	0.86	04/10/06	SW846 6010	721026460
Solids, total on solids	84.9	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	69	mg/Kg DWB	1	0.22	0.82	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, N-4 0-4 NLS ID: 401678

Ref. Line 5 COC 85213 Soil, N-4 0-4 Matrix: SO
 Collected: 04/05/06 10:45 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	22	mg/Kg DWB	1	0.20	0.74	04/10/06	SW846 6010	721026460
Solids, total on solids	86.6	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	45	mg/Kg DWB	1	0.19	0.71	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Soil, S-1 0-4 NLS ID: 401679

Ref. Line 6 COC 85213 Soil, S-1 0-4 Matrix: SO
 Collected: 04/05/06 11:10 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	28	mg/Kg DWB	1	0.17	0.63	04/10/06	SW846 6010	721026460
Solids, total on solids	77.3	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	180	mg/Kg DWB	1	0.16	0.60	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

ANALYTICAL REPORT

Client: Foth & Van Dyke Associates (GB)
 Attn: Jim Hutchison
 2737 South Ridge Road (54304)
 PO Box 19012
 Green Bay, WI 54307 9012

NLS Project: 97237

NLS Customer: 11932

Fax: 920 497 8516 Phone: 920 497 2500

Project: Flambeau 06F006

Soil, S-2 0-4 NLS ID: 401680

Ref. Line 7 COC 85213 Soil, S-2 0-4 Matrix: SO

Collected: 04/05/06 11:30 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	12	mg/Kg DWB	1	0.24	0.89	04/10/06	SW846 6010	721026460
Solids, total on solids	72.3	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	190	mg/Kg DWB	1	0.23	0.86	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

S-2 NLS ID: 401681

Ref. Line 8 COC 85213 S-2 Matrix: SW

Collected: 04/05/06 11:30 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP-Trace	35	ug/L	1	1.3	4.0	04/11/06	EPA 200.7	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	160	ug/L	1	5.0*	10	04/11/06	EPA 200.7	721026460
Metals digestion - tot. recov. ICP	yes					04/10/06	EPA 200.7M	721026460

Soil, S-3 0-4 NLS ID: 401682

Ref. Line 9 COC 85213 Soil, S-3 0-4 Matrix: SO

Collected: 04/05/06 11:55 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	14	mg/Kg DWB	1	0.21	0.77	04/10/06	SW846 6010	721026460
Solids, total on solids	67.7	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	53	mg/Kg DWB	1	0.20	0.74	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

S-3 NLS ID: 401683

Ref. Line 10 COC 85213 S-3 Matrix: SW

Collected: 04/05/06 11:55 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP-Trace	33	ug/L	1	1.3	4.0	04/11/06	EPA 200.7	721026460
Zinc, tot. recoverable as Zn by ICP-Trace	24	ug/L	1	5.0*	10	04/11/06	EPA 200.7	721026460
Metals digestion - tot. recov. ICP	yes					04/10/06	EPA 200.7M	721026460

Soil, S-4 0-4 NLS ID: 401684

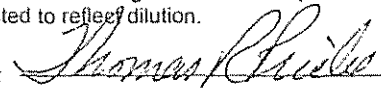
Ref. Line 1 COC 85214 Soil, S-4 0-4 Matrix: SO

Collected: 04/05/06 12:15 Received: 04/06/06

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Copper, tot. recoverable as Cu by ICP	17	mg/Kg DWB	1	0.27	0.99	04/10/06	SW846 6010	721026460
Solids, total on solids	80.1	%	1	0.10*		04/07/06	ASTM D2216	721026460
Zinc, tot. recoverable as Zn by ICP	45	mg/Kg DWB	1	0.25	0.95	04/10/06	SW846 6010	721026460
Metals digestion - tot. recov (solid) ICP	yes					04/07/06	SW846 3050M	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected 1000 ug/L = 1 mg/L
 DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
 MCL = Maximum Contaminant Levels for Drinking Water Samples

Reviewed by:  Authorized by:
 R. T. Krueger
 President

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

1 of 2

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

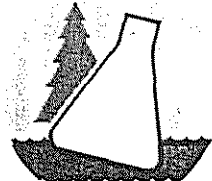
Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>FATH VAN DYKE</i>		
ADDRESS <i>P.O. Box 17012</i>		
CITY <i>Green Bay</i>	STATE <i>WI</i>	ZIP <i>54307</i>
PROJECT DESCRIPTION / NO. <i>DL FOOL / Flambeau</i>		QUOTATION NO.
DNR FID #		DNR LICENSE #
CONTACT <i>Scott Janssen / Jim Hutchison</i>		PHONE <i>920-497-2500</i>
PURCHASE ORDER NO.		FAX

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS	CUT IN SW 846-6010																	
	CUT IN EPA 200.7																	



NO. 85213

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS												COLLECTION REMARKS (i.e. DNR Well ID #)																		
			DATE	TIME		CUT IN SW 846-6010	CUT IN EPA 200.7																													
1.	401674	N-1 0-4	4/5/06	0950	Soil	X																														
2.	401675	N-1	4/5/06	0950	WATER		X																													
3.	401676	N-2 0-4	4/5/06	1005	Soil	X																														
4.	401677	N-3 0-4	4/5/06	1025	Soil	X																														
5.	401678	N-4 0-4	4/5/06	1045	Soil	X																														
6.	401679	S-6 0-4	4/5/06	1110	Soil	X																														
7.	401680	S-2 0-4	4/5/06	1130	Soil	X																														
8.	401681	S-2	4/5/06	1130	WATER		X																													
9.	401682	S-3 0-4	4/5/06	1155	Soil	X																														
10.	401683	S-3	4/5/06	1155	WATER		X																													

COLLECTED BY (signature) <i>Scott Janssen</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>4/6/06 0945</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
*FATH: VAN DYKE
+
FLAMBEAU*

RECEIVED AT NLS BY (signature) <i>Dobrie Wilson</i>	DATE/TIME <i>4/6/06 9:45</i>	CONDITION <i>Dry</i>	TEMP.
COOLER # <i>24-7</i>	REMARKS & OTHER INFORMATION		
PRESERVATIVE: N = nitric acid Z = zinc acetate S = sulfuric acid	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER	E-MAIL ADDRESS

INVOICE TO
Flambeau

IMPORTANT!

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

2 of 2

CLIENT <i>FOTH, VAN DYKE</i>	
ADDRESS <i>P.O. Box 19012</i>	
CITY <i>Green Bay</i>	STATE <i>WI</i>
ZIP <i>54307</i>	
PROJECT DESCRIPTION / NO. <i>06F006 / Flambeau</i>	QUOTATION NO.
DNR FID #	DNR LICENSE #
CONTACT <i>Scott Janssen / Jim Hutchinson</i>	PHONE <i>920-497-2500</i>
PURCHASE ORDER NO.	FAX

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

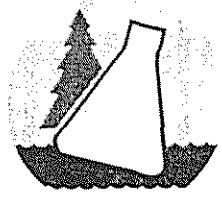
Analytical Laboratory and Environmental Services
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MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS
*CU + ZN
SULPH + CAD*

PARAVENT									
<i>RUSH</i>									
<i>Quick Turn Around</i>									



NO. 85214

ITEM NO.	NLS LAB. NO.	SAMPLE ID		COLLECTION		MATRIX (See above)	COLLECTION REMARKS (i.e. DNR Well ID #)			
				DATE	TIME					
1.	<i>401184</i>	<i>S4</i>	<i>0-4</i>	<i>4/5/09</i>	<i>1215</i>	<i>Soil</i>	<i>X</i>			
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

ONE SAMPLE PER LINE

COLLECTED BY (signature) <i>Scott Janssen</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>4/6/09 0945</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO
INVOICE TO

RECEIVED AT NLS BY (signature) <i>Douglas Wilson</i>	DATE/TIME <i>4-06-09 9:45</i>	CONDITION <i>On Ice</i>	TEMP.
COOLER # <i>24-7</i>	REMARKS & OTHER INFORMATION		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER
			E-MAIL ADDRESS

IMPORTANT:

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE. LISTED AS REPORT TO AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

NORTHERN LAKE SERVICE, INC.

STANDARD TERMS AND CONDITIONS

The following terms and conditions shall be applicable in the absence of written contract.

A. RELATIONSHIP OF THE PARTIES

This relationship between the parties shall be limited to the performance of service as set forth in this AGREEMENT and shall constitute neither a joint venture nor an employer-employee relationship. Neither party may obligate the other to any expense or liability outside of this AGREEMENT except upon written consent of the other.

B. PERFORMANCE

The standard of care applicable to Laboratory's services shall be the degree of skill and diligence normally exercised by testing laboratories performing the same or similar services. Laboratory warrants that it is properly certified to perform the laboratory services in the state where the services are required.

C. PAYMENT

(1) Unless, the Laboratory has in possession a completed NORTHERN LAKE SERVICE, INC. Standard Statement of Responsibility and Authorization to Release Analytical Data (see Addendum), signed by Client's Customer prior to commencement of services (if applicable), all invoices will be paid by Client and subject to Laboratory standard credit terms. Standard credit terms are net 30 days and 1.5% per month on past due accounts.

a. Client will promptly review invoices and forward to Client's Customer for payment (if applicable). Said review will occur within 15 days of invoice date.

(2) Client will reimburse Laboratory within 30 days for all collection and legal fees incurred by the Laboratory in collection of debts from both Client and Client's Customer.

D. INSURANCE

(1) Laboratory shall procure and maintain, at its sole cost and expense, the following insurance:

a. Workers' Compensation and Employers' Liability Insurance as prescribed by applicable law.

b. Commercial General Liability Insurance.

c. Professional Liability Coverage.

(2) If requested Certificate of Insurance evidencing the above coverage shall be issued to the Client prior to commencement of work. The certificate must specify that Client will be given, in writing, 10 days advance notice of cancellation, termination, or alteration of the policies.

E. INDEMNIFICATION

(1) Laboratory shall indemnify and hold Client, its officers, agents, and employees harmless from and against any and all claims based or arising out of damage to property or injuries to persons, which are directly caused by the sole negligence or intentional wrongful acts or omissions of the Laboratory, its agents, or employees, in performing the services authorized by this AGREEMENT, provided that Laboratory shall have no duty to indemnify Client against liability for damages to the extent caused by the negligence or intentionally wrongful acts or omissions of Client.

(2) Client shall indemnify and hold Laboratory, its officers, agents, and employees harmless from and against any and all claims based or arising out of damage to property or injuries to persons, which are directly caused by the negligence or intentional wrongful acts or omissions of the Client, its agents, or employees, in performing the services authorized by this AGREEMENT, provided that Client shall have no duty to indemnify Laboratory against liability for damages to the extent caused by the sole negligence or intentionally wrongful acts or omissions of Laboratory.

(3) The indemnity owed and liability of the Laboratory shall be limited to the total amount invoiced for the project. However, total indemnity and liability of the Laboratory will under no circumstances exceed aggregate insurance limits.

F. COMPLIANCE WITH LAWS, REGULATIONS, PERMITTING, AND LICENSING REQUIREMENTS

The Laboratory shall comply with all laws, regulations, codes, and ordinances that are applicable to Laboratory's work to be performed under this AGREEMENT. The Laboratory shall procure and maintain at its own expense, all permits and licenses, required by law, to perform the services authorized under this AGREEMENT.

G. HEALTH AND SAFETY

Laboratory shall comply with all health, safety, and training obligations required by law. Compliance with these health, safety, and training requirements is the sole responsibility of Laboratory. Client is not in any way responsible for the health, safety, or training of Laboratory's employees.

H. DISPUTES

(1) If a dispute arises concerning services performed or fees invoiced, Client agrees to notify Laboratory within 14 days of the time Client knew or should have known of the dispute. The invoice will be apportioned and fees for services not in question will be paid according to Section C. Resolution of disputes will be handled in the following manner.

a. Client's project manager and Laboratory's project manager will seek a negotiated resolution.

b. If direct negotiations fail within fourteen days, both parties agree the issue shall be settled by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, and judgement on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

(2) Participation of Client and Laboratory in this process shall be a condition precedent for either party to seek redress through any other means legally available.

I. OWNERSHIP AND RETENTION OF DOCUMENTS

(1) All specifications, notes, data, materials, report reproducibles, and other work developed as a part of each work order will be the property of Client. Any reuse of these documents by the Client, not occurring as a part of this AGREEMENT, will be without any liability to the Laboratory. Laboratory may not use these for purposes other than this AGREEMENT without Client's written permission.

(2) All analytical data and applicable reports remain the property of the Laboratory until such time as payment is received for said data.

(3) Laboratory shall retain all pertinent records relating to services performed for a period of five years following submission of a report, during which period the records will be made available to Client upon reasonable notice.

J. SEVERABILITY AND SURVIVAL

If any element of this AGREEMENT is held to violate a law, then the element shall be deemed void, and all remaining provisions shall continue in force. However, Laboratory and Client will in good faith attempt to replace any invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision. All terms and conditions of this AGREEMENT allocating liability between Laboratory and Client shall survive the completion of the services hereunder and the termination of this AGREEMENT.

K. TERMINATION

(1) Client may terminate this AGREEMENT, by providing ten days written notice (1) for convenience, or (2) if Client is terminated for any reason by Client's Customer. Laboratory may terminate this AGREEMENT if Client fails to meet the payment provisions specified in Section C. In the event of termination, Laboratory will be paid an amount in proportion to the amount of work completed.

(2) If the Laboratory fails to perform the services required for reasons that are not beyond Laboratory's control, then it shall be deemed in default. In the event of such default, Client may terminate this AGREEMENT immediately and shall have no obligation to make any further payment to Laboratory except for work completed prior to termination.

L. FORCE MAJEURE

Neither party to this AGREEMENT will be liable to the other party for delays in performing the services, nor for the direct or indirect cost resulting from such delays that may result from labor strikes, riots, war, acts of governmental authorities, extraordinary weather conditions or other natural catastrophe, or any other cause for which the reasonable control or contemplation of either party.

M. EQUAL EMPLOYMENT OPPORTUNITY AFFIRMATIVE ACTION

(1) Laboratory will not discriminate, accept, recruit, employ, or create for employment or discharge any employee or applicant because of race, sex, national origin, religion or disability of the applicant or employee unless based on a good faith occupational qualification.

(2) Laboratory will provide equal employment opportunities and equal facilities to all of its establishments without regard to race, sex, national origin, religion or disability of the applicant or employee, unless based on a good faith occupational qualification.

(3) Further Laboratory will comply, as may be applicable, with all Affirmative Action requirements, utilization of Small Business, and other Disadvantaged Business concerns.

