

Gage, Hannah

From: Johnson, Lindsay
Sent: Wednesday, May 10, 2017 9:11 AM
To: 'bniswonger@indmetalfinishings.com'
Cc: Gage, Hannah; Yates, Adam; McWilliams, Carrie; Leamons, Bryan; 'wrcww@att.net'
Subject: AR0046566_Industrial Metal Finishing Nos 1 and 2 ARP001023 and ARP001024 Apr 2017 semi annual Pretreatment report_20170510
Attachments: CIU_semi annual report_FORM_433 Facility 1 APRIL 2017 (2).doc; CIU_semi annual report_FORM_433 Facility2 April 2017.doc; Industrial Metal Finishing Inc Data.pdf

Brian,

Industrial Metal Finishing (IMF) two facilities' April 2017 semi-annual reports were electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.17.

No further action is deemed necessary at this time.

Thank you,

*Lindsay Johnson
NPDES Staff Engineer
ADEQ-Office of Water Quality
(501)682-0045*

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Industrial Metal Finishing, Inc.
P.O. Box 326
Pocahontas, AR 72455

B. FACILITY & LOCATION ADDRESS

Industrial Metal Finishing, Inc.
329 Frazier Street
Walnut Ridge, AR 72476

C. FACILITY CONTACT: **Brian Niswonger** TELEPHONE NUMBER: **(870)886-7531** e-mail: **bniswonger@indmetalfinishings.com**

(2) REPORTING PERIOD--FISCAL YEAR From ??? to ??? (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

April & October

B. PERIOD COVERED BY THIS REPORT

FROM: October 2016 TO: April 2017

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating**
- Electroless Plating**
 - Anodizing**
 - Coating**
 - Chemical Etching and Milling**
 - Printed Circuit Board Manufacture**

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Black Oxide(ferrous metals)

Zinc Phosphate(ferrous metals)

Chloride Zinc(ferrous metals)

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

C. Number of Regular Employees at this Facility

5

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	5235	7500	continuous
Regulated (Cyanide)	0	0	
§403.6(e) Unregulated*	0	0	
§403.6(e) Dilute	0	0	
Cooling Water	0	0	
Sanitary	125	200	batch
Total Flow to POTW	5360	7700	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

Neutralization

Chemical Precipitation and Sedimentation

Chromium Reduction

Cyanide Destruction

Other _____

None

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES-- CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.004	0.0086	0.12	<0.04	<0.01	<0.007	0.56	<0.01	n/a
Ave Measured									

Sample Location Effluent Sampling Point *(schematic drawing)*

Sample Type (Grab or Composite) Composite

Number of Samples and Frequency Collected 4; 2 hrs.

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED §433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

Brian Niswonger
(Typed Name)



Brian Niswonger 04/30/17
(Corporate Officer or authorized representative)

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

§6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--*The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.*

The User may list any new or ongoing Pollution Prevention practices:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(i)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brian Niswonger



Brian Niswonger

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

President
OFFICIAL TITLE

DATE SIGNED 04/30/17

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

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Attn: Water Div/NPDES Pretreatment

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Pocahontas, AR 72455

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Industrial Metal Finishing, Inc.
105 Beacon Road
Walnut Ridge, AR 72476

C. FACILITY CONTACT: Brian Niswonger TELEPHONE NUMBER: (870)886-7531 e-mail:bniswonger@indmetalfinishings.com

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A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating**
- Electroless Plating**
- Anodizing**
- Coating**
- Chemical Etching and Milling**
- Printed Circuit Board Manufacture**

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Alkaline Zinc(ferrous metals)

*SEE 40CFR433.10(a) FOR 40 DIFFERENT OPERATIONS

B. CHANGES:

SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

C. Number of Regular Employees at this Facility

3

D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	1565	2000	continuous
Regulated (Cyanide)	0	0	
§403.6(e) Unregulated*	0	0	
§403.6(e) Dilute	0	0	
Cooling Water	0	0	
Sanitary	75	125	batch
Total Flow to POTW	1640	2125	*****

*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES-- CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.004	<0.007	0.072	<0.04	<0.01	<0.007	0.35	<0.01	n/a
Ave Measured									

Sample Location Effluent Sampling Point *(schematic drawing)*

Sample Type (Grab or Composite) Composite

Number of Samples and Frequency Collected 4; 2 hrs.

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED §433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

Brian Niswonger
(Typed Name)



Brian Niswonger 04/30/17
(Corporate Officer or authorized representative)

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

§6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.


The User may list any new or ongoing Pollution Prevention practices:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Brian Niswonger


Brian Niswonger

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

President
OFFICIAL TITLE

DATE SIGNED 04/30/17




Industrial Metal Finishing Inc.
ATTN: Mr. Brian Niswonger
Post Office Box 326
Pocahontas, AR 72455

This report contains the analytical results and supporting information for samples submitted on April 27, 2017. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Chief Operating Officer or a qualified designee.



John Overbey
Chief Operating Officer

This document has been distributed to the following:

PDF cc: Industrial Metal Finishing Inc.
ATTN: Mr. Brian Niswonger
bniswonger@indmetalfinishings.com



Industrial Metal Finishing Inc.
Post Office Box 326
Pocahontas, AR 72455

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on April 27, 2017
IMF M/C

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
212172-1	IMF C1, M1	26-Apr-2017 1457	
212172-2	IMF C2, M2	25-Apr-2017 1542	

Case Narrative:

There were no qualifiers for this data and all samples met quality control criteria.

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).

"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

"Standard Methods for the Examination of Water and Wastewaters", (SM).

"American Society for Testing and Materials" (ASTM).

"Association of Analytical Chemists" (AOAC).

Industrial Metal Finishing Inc.
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Pocahontas, AR 72455

ANALYTICAL RESULTS

AIC No. 212172-1

Sample Identification: IMF C1, M1 26-Apr-2017 1457

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Cyanide SM 4500-CN C,E 1999 Prep: 27-Apr-2017 1005 by 319	< 0.01 Analyzed: 27-Apr-2017 1604 by 321	0.01	mg/l Batch: W59623	
Cadmium EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.004 Analyzed: 27-Apr-2017 1454 by 308	0.004	mg/l Batch: S43080	
Chromium EPA 200.7 Prep: 27-Apr-2017 0951 by 308	0.0086 Analyzed: 27-Apr-2017 1454 by 308	0.007	mg/l Batch: S43080	
Copper EPA 200.7 Prep: 27-Apr-2017 0951 by 308	0.12 Analyzed: 27-Apr-2017 1454 by 308	0.006	mg/l Batch: S43080	
Lead EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.04 Analyzed: 27-Apr-2017 1454 by 308	0.04	mg/l Batch: S43080	
Nickel EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.01 Analyzed: 27-Apr-2017 1454 by 308	0.01	mg/l Batch: S43080	
Silver EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.007 Analyzed: 27-Apr-2017 1454 by 308	0.007	mg/l Batch: S43080	
Zinc EPA 200.7 Prep: 27-Apr-2017 0951 by 308	0.56 Analyzed: 27-Apr-2017 1454 by 308	0.004	mg/l Batch: S43080	

AIC No. 212172-2

Sample Identification: IMF C2, M2 25-Apr-2017 1542

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Cyanide SM 4500-CN C,E 1999 Prep: 27-Apr-2017 1005 by 319	< 0.01 Analyzed: 27-Apr-2017 1612 by 321	0.01	mg/l Batch: W59623	
Cadmium EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.004 Analyzed: 27-Apr-2017 1457 by 308	0.004	mg/l Batch: S43080	
Chromium EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.007 Analyzed: 27-Apr-2017 1457 by 308	0.007	mg/l Batch: S43080	
Copper EPA 200.7 Prep: 27-Apr-2017 0951 by 308	0.072 Analyzed: 27-Apr-2017 1457 by 308	0.006	mg/l Batch: S43080	
Lead EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.04 Analyzed: 27-Apr-2017 1457 by 308	0.04	mg/l Batch: S43080	
Nickel EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.01 Analyzed: 27-Apr-2017 1457 by 308	0.01	mg/l Batch: S43080	
Silver EPA 200.7 Prep: 27-Apr-2017 0951 by 308	< 0.007 Analyzed: 27-Apr-2017 1457 by 308	0.007	mg/l Batch: S43080	
Zinc EPA 200.7 Prep: 27-Apr-2017 0951 by 308	0.35 Analyzed: 27-Apr-2017 1457 by 308	0.004	mg/l Batch: S43080	

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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	94.9	85.0-115			W59623	27Apr17 1006 by 319	27Apr17 1602 by 321		
Cadmium	5 mg/l	95.8	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Chromium	0.5 mg/l	96.4	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Copper	0.5 mg/l	94.6	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Lead	5 mg/l	96.6	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Nickel	0.5 mg/l	94.0	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Silver	0.1 mg/l	110	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		
Zinc	0.5 mg/l	95.2	85.0-115			S43080	27Apr17 0952 by 308	27Apr17 1444 by 308		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	212172-1	0.1 mg/l	82.9	75.0-125	W59623	27Apr17 1006 by 319	27Apr17 1605 by 321		
	212172-1	0.1 mg/l	83.0	75.0-125	W59623	27Apr17 1006 by 319	27Apr17 1607 by 321		
	Relative Percent Difference:		0.120	20.0	W59623				
Cadmium	212172-1	5 mg/l	92.8	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	5 mg/l	94.4	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.69	20.0	S43080				
Chromium	212172-1	0.5 mg/l	93.3	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	0.5 mg/l	95.0	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.85	20.0	S43080				
Copper	212172-1	0.5 mg/l	90.1	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	0.5 mg/l	93.2	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		2.72	20.0	S43080				
Lead	212172-1	5 mg/l	92.8	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	5 mg/l	94.1	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.38	20.0	S43080				
Nickel	212172-1	0.5 mg/l	88.9	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	0.5 mg/l	90.0	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.23	20.0	S43080				
Silver	212172-1	0.1 mg/l	107	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	0.1 mg/l	109	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.50	20.0	S43080				
Zinc	212172-1	0.5 mg/l	89.4	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1447 by 308		
	212172-1	0.5 mg/l	93.0	75.0-125	S43080	27Apr17 0952 by 308	27Apr17 1451 by 308		
	Relative Percent Difference:		1.81	20.0	S43080				



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LABORATORY BLANK RESULTS

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>PQL</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Total Cyanide	< 0.01 mg/l	0.01	0.01	W59623-1	27Apr17 1006 by 319	27Apr17 1600 by 321	
Cadmium	< 0.004 mg/l	0.004	0.004	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Chromium	< 0.007 mg/l	0.007	0.007	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Copper	< 0.006 mg/l	0.006	0.006	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Lead	< 0.04 mg/l	0.04	0.04	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Nickel	< 0.01 mg/l	0.01	0.01	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Silver	< 0.007 mg/l	0.007	0.007	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	
Zinc	< 0.004 mg/l	0.004	0.004	S43080-1	27Apr17 0952 by 308	27Apr17 1440 by 308	

