

Gage, Hannah

From: Gilliam, Allen
Sent: Wednesday, March 02, 2016 12:06 PM
To: 'Seth Gately'; 'oshirley@amerimax.com'
Cc: Gage, Hannah; McWilliams, Clark; helenawater@sbcglobal.net
Subject: AR0043389_Euramax ARP001044 revised Feb 2016 Semi Annual Pretreatment report_20160302
Attachments: Euramax Helena - February 2016 Semi Annual Waste Water Pretreatment Repo....pdf

Seth and Onika,

Euramax' February 2016 revised semi-annual Pretreatment report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Pretreatment (production based) standards in 40 CFRs 465.25 and 465.35 (Coil Coating – Galvanized and Aluminum Basis Mtrl., Subparts B and C respectively).

Thank you for providing the calculations converting the production based standards to equivalent concentration based limits. Please continue to include these calculations in future reports.

There are no further actions deemed necessary at this time.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Terry McGinister, Helena General Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Seth Gately [<mailto:SGately@trinityconsultants.com>]
Sent: Tuesday, March 01, 2016 3:50 PM
To: Gilliam, Allen
Subject: FW: AR0043389_Euramax ARP001044 Feb 2016 Semi Annual Pretreatment report

Mr. Gilliam,

Attached is a revised copy of the Waste Water Pretreatment Report for Euramax in Helena.

Some corrections were made to the production numbers and the new report reflects the revisions.

Thank you,
Seth Gately
Consultant

Trinity Consultants

11225 Huron Lane, Suite 212 | Little Rock, Arkansas 72211

Office: **501-225-6400 x108** | Mobile: 479-651-6837

- Email: sgately@trinityconsultants.com
-

From: Seth Gately

Sent: Monday, February 29, 2016 4:57 PM

To: 'Gilliam, Allen'

Subject: AR0043389_Euramax ARP001044 Feb 2016 Semi Annual Pretreatment report

Attached is the Semiannual Wastewater Pretreatment Report for Euramax in Helena.

Thank you!

Seth Gately

Consultant

Trinity Consultants

11225 Huron Lane, Suite 212 | Little Rock, Arkansas 72211

Office: **501-225-6400 x108** | Mobile: 479-651-6837

- Email: sgately@trinityconsultants.com
-

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR465

Use of this form is not an EPA/PC&E requirement.

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Euramax International, Inc.
215 Phillips 324 Road
Helena, AR 72342

B. FACILITY & LOCATION ADDRESS

Euramax International, Inc.
215 Phillips 324 Road
Helena, AR 72342

C. FACILITY CONTACT: **Onika Shirley**

TELEPHONE NUMBER: **(870) 572-5074**

(2) REPORTING PERIOD--FISCAL YEAR From Aug 1 to Jul 31 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

August & February

B. PERIOD COVERED BY THIS REPORT

FROM: February 2015 **TO:** July 2015

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

40 CFR Part 465 -- Coil Coating Point Source Category

<u>PROCESS*</u>	<u>PROD'N RATE(S)</u> Total for Six Months	<u>PROD'N DAYS</u> Number of Operating Days
Subpart A Steel	<u>N/P</u>	<u> </u>
Subpart B Galv	<u>11,374,955 ft²</u>	<u>29</u>
Subpart C Alum	<u>85,825,576 ft²</u>	<u>118</u>
Subpart D Canmak	<u>N/P</u>	<u> </u>

*Show Rate & Days--If process is not present, show "Not Present" or "N/P".

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 42

D. [Reserved]

(4) FLOW MEASUREMENT (CON'D)

B. INDIVIDUAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY (gpd)

Operation	Ave Tot Flow ¹	Max Tot Flow ²	Type of Discharge	No. Disc Days
Regulated: Steel Basis	N/P			
Regulated: Galv Basis	1,017.5	9,144.0		29
Regulated: Alum Basis	1,886.8	9,144.0		118
Regulated: Canmaking	N/P			
Total Regulated				
§403.6(e) Unregulated ³				
§403.6(e) Dilute				
Cooling Water				
Sanitary	1,425	1,425	continuous	
Total Flow to POTW			*****	*****

¹"Ave Tot Flow" is the average of "total gallons discharged in a 24-hour day" during the reporting period. Note that "Ave Tot Flow" times "No. Disc Days" must equal the actual total gallons discharged to the POTW for this six month period.

²"Max Tot Flow" is the maximum "total gallons discharged in a 24-hour day" during the reporting period.

³"Unregulated" has a precise legal meaning; see 40 CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM
CHECK EACH APPLICABLE BLOCK

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

B. COMMENTS

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS ON THE EFFLUENT FROM ALL REGULATED PROCESSES-- (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	Galvanized basis (CFR 465.25)					Aluminum basis (CFR 465.35)		
	Cr	Cu	CN	Zn		Cr	CN	Zn
Max for 1 day (mg/l)	1.25	4.16	0.69	3.33		1.71	0.92	4.62
Max for Monthly Avg (mg/l)	0.51	1.99	0.28	1.39		0.69	0.37	1.90
Max Measured (mg/l)	<0.007	<0.006	<0.01	0.02		<0.007	<0.01	0.039
*Avg Monthly Measured (mg/l)	<0.007	<0.006	<0.01	0.02		<0.007	<0.01	0.039

* A value here is the average of all samples taken during one (1) calendar month regardless of the number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation

Sample Location FINAL EFFLUENT TANK

Sample Type (Grab or Composite) GRAB

Number of Samples and Frequency Collected 2 - SEMIANNUALLY

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. CHECK ONE: CYANIDE ANALYSIS ATTACHED EPA REGION VI CYANIDE CERTIFICATION PROVIDED BELOW

Based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standards, I certify that, to the best of my knowledge, cyanide has not been used or generated in our processes, which are regulated by the Coil Coating [40 CFR 465.03(a)] categorical pretreatment standards, since we filed the February semi-annual compliance report; the cyanide analysis, in the February report of this calendar year contain less than 0.07 mg/l. I understand that I can submit this certification for only the August report.

(Typed Name)

(Corporate Officer or authorized representative signature)

Date of Signature _____

B. [Reserved]

[RESERVED]

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 _____, 2004.

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(l)]

I certify under penalty of law that I have personally examined and am familiar with the information in this semi-annual compliance report and all attachments, and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Onika Shirley
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Production Manager
OFFICIAL TITLE



SIGNATURE

02/29/16

DATE SIGNED

Euramax Flows and Rates for the Period

Number of days in period =	118	days aluminum was run
	29	days galvanized was run
Total flow (L) =	843,324	liters of aluminum waste water
	111,771	liters of galvanized waste water
Average flow (gal/day) =	1,886.8	gallons of aluminum waste water per day
	1,017.5	gallons of galvanized waste water per day
Maximum flow (gal/day)	9,144.0	gallons of waste water per day
Production Rate (ft ²) =	Aluminum 85.826	Galvanized 11.375 million ft ²

Allowable Limits per Day and per Period

465.25 Pretreatment standards for the Galvanized wastestream:

Pollutant	PSNS (lb/1 million ft ² of area processed)	
	One Day Maximum	Monthly Average Maximum
Chromium	0.027	0.011
Copper	0.090	0.043
Cyanide	0.015	0.006
Zinc	0.072	0.030

The mass limitations for the galvanized line =	production (million ft ²) days in period	PSNS maximum (lb/million ft ²)
	11.37 million square feet 29 days	PSNS maximum (lb/million ft ²)

Total Reported Production: 11.375 million ft²
 Production per Day: 0.3922 million ft²/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0106	0.0043
Copper	0.0353	0.0169
Cyanide	0.0059	0.0024
Zinc	0.0282	0.0118

Flow reported during the period per day =

total flow (L)	0.264 gal	1 million gal	=	million gal
days in period	liter	1,000,000 gal		day
111,771 Liters	0.264 gal	1 million gal	=	0.001017 million gal
29 days	liter	1,000,000 gal		day

(Note that the conversion from lb to milligrams is implicit in the million gallons conversion: 1 L of water = 1000 g, 1 g = 1000 mg)

Conversion to equivalent concentration limits (mg/L) =	maximum (lb)	1 gal 8.34 lb	0.001017 million gallons
--------------------------------------------------------	--------------	------------------	--------------------------

Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	1.248	0.508
Copper	4.160	1.988
Cyanide	0.693	0.277
Zinc	3.328	1.387

465.35 Pretreatment standards for the Aluminum wastestream:

Pollutant	PSNS	
	One Day Maximum (lb/1 million ft ² of area processed)	Monthly Average Maximum
Chromium	0.037	0.015
Cyanide	0.020	0.008
Zinc	0.100	0.041

The mass limitations for the aluminum line =	production (million ft ²)	PSNS maximum (lb/million ft ²)
	days in period	
	85.83 million square feet	PSNS maximum (lb/million ft ²)
	118 days	

Total Reported Production: 85.826 million ft²
 Production per Day: 0.7273 million ft²/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0269	0.0109
Cyanide	0.0145	0.0058
Zinc	0.0727	0.0298

Flow reported during the period per day =

total flow (L)	0.264 gal	1 million gal	=	million gal
days in period	liter	1,000,000 gal		day
843,324 Liters	0.264 gal	1 million gal	=	0.001887 million gal
118 days	liter	1,000,000 gal		day

(Note that the conversion from lb to milligrams is implicit in the million gallons conversion: 1 L of water = 1000 g, 1 g = 1000 mg)

Conversion to equivalent concentration limits (mg/L) =	maximum (lb)	1 gal	
		8.34 lb	0.001887 million gallons

Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	1.710	0.693
Cyanide	0.924	0.370
Zinc	4.622	1.895

Measured Pollutants vs. Concentration Limits

		Concentration (mg/L)			
		One Day Maximum	Maximum Measured	Monthly Average Maximum	Monthly Average Measured
Galvanized CFR 465.25	Cr	1.25	<0.007	0.51	<0.007
	Cu	4.16	<0.006	1.99	<0.006
	CN	0.69	<0.01	0.28	<0.01
	Zn	3.33	0.44	1.39	0.44
Aluminum CFR 465.35	Cr	1.71	<0.007	0.69	<0.007
	CN	0.92	<0.01	0.37	<0.01
	Zn	4.62	0.44	1.90	0.44



Amerimax Coated Products, Inc
ATTN: Ms. Teresa Melton
215 Phillips Road 324
Helena, AR 72342

This report contains the analytical results and supporting information for samples submitted on February 9, 2016. 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: Amerimax Coated Products, Inc
ATTN: Ms. Teresa Melton
tmelton@amerimax.com



Amerimax Coated Products, Inc
215 Phillips Road 324
Helena, AR 72342

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on February 9, 2016
P.O. No. TM021916exp

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>
199116-1	Steel	04-Feb-2016 0615	
199116-2	Alum.	08-Feb-2016 1318	

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).

Amerimax Coated Products, Inc
215 Phillips Road 324
Helena, AR 72342

ANALYTICAL RESULTS

AIC No. 199116-1

Sample Identification: Steel 04-Feb-2016 0615

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 1999	< 0.01	0.01	mg/l	
Prep: 11-Feb-2016 0831 by 319	Analyzed: 11-Feb-2016 1723 by 319		Batch: W54867	
Aluminum EPA 200.7	5.9	0.04	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	
Arsenic EPA 200.7	< 0.05	0.05	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	
Chromium EPA 200.7	< 0.007	0.007	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	
Copper EPA 200.7	< 0.006	0.006	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1719 by 317		Batch: S40596	
Iron EPA 200.7	8.3	0.02	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	
Nickel EPA 200.7	0.46	0.01	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	
Zinc EPA 200.7	0.44	0.002	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1444 by 317		Batch: S40596	

AIC No. 199116-2

Sample Identification: Alum. 08-Feb-2016 1318

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C,E 1999	< 0.01	0.01	mg/l	
Prep: 11-Feb-2016 0831 by 319	Analyzed: 11-Feb-2016 1725 by 319		Batch: W54867	
Aluminum EPA 200.7	2.4	0.04	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	
Arsenic EPA 200.7	< 0.05	0.05	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	
Chromium EPA 200.7	< 0.007	0.007	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	
Copper EPA 200.7	< 0.006	0.006	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1721 by 317		Batch: S40596	
Iron EPA 200.7	12	0.02	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	
Nickel EPA 200.7	0.21	0.01	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	
Zinc EPA 200.7	0.44	0.002	mg/l	
Prep: 09-Feb-2016 1740 by 313	Analyzed: 10-Feb-2016 1448 by 317		Batch: S40596	



Amerimax Coated Products, Inc
215 Phillips Road 324
Helena, AR 72342

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	92.4	85.0-115			W54867	11Feb16 0832 by 319	11Feb16 1711 by 319		
Aluminum	5 mg/l	93.7	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		
Arsenic	5 mg/l	99.0	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		
Chromium	0.5 mg/l	96.3	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		
Copper	0.5 mg/l	89.2	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1658 by 317		
Iron	5 mg/l	97.8	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		
Nickel	0.5 mg/l	96.0	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		
Zinc	0.5 mg/l	95.7	85.0-115			S40596	09Feb16 1740 by 313	10Feb16 1343 by 317		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	199186-2	0.1 mg/l	90.9	75.0-125	W54867	11Feb16 0832 by 319	11Feb16 1715 by 319		
	199186-2	0.1 mg/l	86.2	75.0-125	W54867	11Feb16 0832 by 319	11Feb16 1717 by 319		
	Relative Percent Difference:		5.31	20.0	W54867				
Aluminum	199034-3	5 mg/l	95.7	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	5 mg/l	98.4	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		2.06	20.0	S40596				
Arsenic	199034-3	5 mg/l	98.3	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	5 mg/l	100	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		1.88	20.0	S40596				
Chromium	199034-3	0.5 mg/l	93.2	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	0.5 mg/l	95.0	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		1.99	20.0	S40596				
Copper	199034-3	0.5 mg/l	86.7	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1701 by 317		
	199034-3	0.5 mg/l	87.7	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1704 by 317		
	Relative Percent Difference:		1.13	20.0	S40596				
Iron	199034-3	5 mg/l	94.8	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	5 mg/l	97.4	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		1.85	20.0	S40596				
Nickel	199034-3	0.5 mg/l	90.7	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	0.5 mg/l	92.2	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		1.63	20.0	S40596				
Zinc	199034-3	0.5 mg/l	91.9	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1347 by 317		
	199034-3	0.5 mg/l	93.0	75.0-125	S40596	09Feb16 1740 by 313	10Feb16 1351 by 317		
	Relative Percent Difference:		1.05	20.0	S40596				



Amerimax Coated Products, Inc
215 Phillips Road 324
Helena, AR 72342

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	W54867-1	11Feb16 0832 by 319	11Feb16 1709 by 319	
Aluminum	< 0.04 mg/l	0.04	0.04	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	
Arsenic	< 0.05 mg/l	0.05	0.05	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	
Chromium	< 0.007 mg/l	0.007	0.007	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	
Copper	< 0.006 mg/l	0.006	0.006	S40596-1	09Feb16 1740 by 313	10Feb16 1655 by 317	
Iron	< 0.02 mg/l	0.02	0.02	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	
Nickel	< 0.01 mg/l	0.01	0.01	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	
Zinc	< 0.002 mg/l	0.002	0.002	S40596-1	09Feb16 1740 by 313	10Feb16 1339 by 317	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client:			PO No.		NO OF BOTTLES	ANALYSES REQUESTED										AIC CONTROL NO: 199116			
Project Reference:			MATRIX			Cyanide Al, As, Cr, Cu, Fe, Ni, Zn													AIC PROPOSAL NO:
Project Manager:			G A B	C O M P	W A T E R		S O I L	NO OF BOTTLES											Carrier:
Sampled By: Nathan Robinson																Received Temperature C 0.1			
AIC No.	Sample Identification	Date/Time Collected																	Remarks
1	steel C	4 FEB 16 0615	X		X		1												
1	steel M	4 FEB 16 0615	X		X		1												
2	Atom C	8 FEB 16 1:18 PM	X		X		1												
2	Atom M	8 FEB 16 1:18 PM	X		X		1												
Container Type			P												Field pH calibration on _____ @ _____				
Preservative													Buffer:						
G = Glass NO = none			P = Plastic S = Sulfuric acid pH2		V = VOA vials N = Nitric acid pH2		H = HCl to pH2 B = NaOH to pH12			T = Sodium Thiosulfate Z = Zinc acetate			A = (NH ₄) ₂ SO ₄ , NH ₄ OH						
Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN _____ DAYS							Relinquished By: <i>T. Melton</i>			Date/Time: 2/15/16 2:05 PM			Received By:			Date/Time:			
Expedited results requested by: _____							Relinquished By:			Date/Time:			Received in Lab By: <i>[Signature]</i>			Date/Time: 2/19/16 0900			
Who should AIC contact with questions: Phone: 870-450-1888 Fax: 870-572-5594							Comments:										FedEx # 7755 9963 1767		
Report Attention to: <i>Teresa Melton</i>																			
Report Address to: 215 Phillips Road 324 Helena, AR 72342																			
Email Address: 9/2014 <i>tmelton@Amerimax.com</i>																			