

From: [Gilliam, Allen](#)
To: [Onika Shirley](#)
Cc: [Seth Gately](#); [Burrow, Kealey](#); helenawater@sbcglobal.net; mstrozensky@euramax.com; dseiler@amerimaxbp.com; [John Overbey](#)
Subject: AR0043389_Euramax ARP001044 Aug 2015 Semi Annual Pretreatment report_20180901
Date: Tuesday, September 01, 2015 10:36:24 AM
Attachments: [\[Untitled\].pdf](#)

Onika,

Euramax' August 2015 semi-annual report was electronically received, reviewed, deemed complete, but not compliant with the reporting requirements in 40 CFR 403.12(e). Apparent questionable analytical results indicated compliance with the Coil Coating Pretreatment standards in 40 CFRs 465.25 and 465.35.

Please take note of the certified lab's "Notes" (pg 2 of 5) that the samples were not ~~at~~ preserved correctly and did not meet the temperature required for proper preservation. Future reports from Euramax will not be accepted as "representative" if these notes are seen again. You may want to contact your contract lab to discover what is required.

Also, the Chain of Custody is far from complete. It did not note who conducted the sampling, who he/she relinquished it to at what time, who received it at what time and so on and so forth until it was received by the certified lab. Results from a broken chain of custody may not be allowed in a court of law. Again, you may want to contact your contract lab to discover what is required for a complete chain of custody.

As per the Coil Coating standards in 40 CFR 465.03(a), "Periodic analyses for cyanide are not required when both of the following conditions are met:

(1) The first wastewater sample taken in each calendar year has been analyzed and found to contain less than 0.07 mg/l cyanide

(2) The owner or operator of the coil coating facility certifies in writing to [ADEQ] that cyanide is not used in the coil coating process." Euramax' last two semi-annual reports indicate < 0.07 mg/l. CN sampling/reporting does not have to be conducted for the next semi-annual report, but (2) must accompany the report.

This office appreciates your easy-to-follow conversion charts from production based standards to mass and then to equivalent concentration limits. It doesn't seem necessary to convert liters to gallons of water used/day for both subparts (Galvanized Basis and Aluminum Basis) since you are already reporting their daily averages in gallons/day.

Thank you for your timely report, but please take more care submitting a complete chain of custody and in properly cooling and preserving your samples.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Terry McGinister, City of Helena General Manager

E/NPDES/NPDES/Pretreatment Reports

-----Original Message-----

From: Onika Shirley [<mailto:oshirley@amerimax.com>]
Sent: Monday, August 31, 2015 12:18 PM
To: Gilliam, Allen

Cc: Seth Gately
Subject: AR0043389_Euramax ARP001044 Aug 2015 Semi Annual Pretreatment report

Good afternoon Mr. Allen Gilliam,

Please see the attached Waste Water Report for the period.

Thanks,

Onika Shirley

Production Manager
Euramax Coated Products

T 870-572-5074

C 870-816-6925

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<http://www.euramax.eu>

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

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.

<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	N/P	
Subpart B Galv	11,254,147 ft ²	25
Subpart C Alum	129,937,624 ft ²	138
Subpart D Canmak	N/P	

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

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	1,280.7	21,358.2		25
Regulated: Alum Basis	2,678.8	21,358.2		138
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)	1.14	3.79	0.63	3.03	1.56	0.84	4.21
Max for Monthly Avg (mg/l)	0.46	1.81	0.25	1.26	0.63	0.34	1.73
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
08/31/2015
DATE SIGNED

Euramax Flows and Rates for the Period

Number of days in period =	138	days aluminum was run
	25	days galvanized was run
Total flow (L) =	1,400,296	liters of aluminum waste water
	121,282	liters of galvanized waste water
Average flow (gal/day) =	2,678.8	gallons of aluminum waste water per day
	1,280.7	gallons of galvanized waste water per day
Maximum flow (gal/day)	21,358.2	gallons of waste water per day
Production Rate (ft ²) =	Aluminum 129.938	Galvanized 11.254 million ft ²

Allowable Limits per Day and per Period

465.25 Pretreatment standards for the Galvanized wastestream:

Pollutant	PSNS	
	One Day Maximum	Monthly Average Maximum
	(lb/1 million ft ² of area processed)	
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)
	11.25 million square feet 25 days	PSNS maximum (lb/million ft ²)

Total Reported Production: 11.254 million ft²
 Production per Day: 0.4502 million ft²/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0122	0.0050
Copper	0.0405	0.0194
Cyanide	0.0068	0.0027
Zinc	0.0324	0.0135

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
121,282 Liters	0.264 gal	1 million gal	=	0.001281 million gal
25 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		0.001281 million gallons
		8.34 lb		

Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	1.138	0.464
Copper	3.793	1.812
Cyanide	0.632	0.253
Zinc	3.034	1.264

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) days in period	PSNS maximum (lb/million ft ²)
	129.94 million square feet 138 days	PSNS maximum (lb/million ft ²)

Total Reported Production: 129.938 million ft²
 Production per Day: 0.9416 million ft²/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0348	0.0141
Cyanide	0.0188	0.0075
Zinc	0.0942	0.0386

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
1,400,296 Liters	0.264 gal	1 million gal	=	0.002679 million gal
138 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	0.002679 million gallons
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Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	1.559	0.632
Cyanide	0.843	0.337
Zinc	4.214	1.728

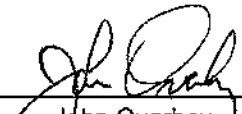


Amerimax Coated Products, Inc.
ATTN: Ms. Onika Shirley
215 Phillips 324 Road
Helena, AR 72342

This report contains the analytical results and supporting information for samples submitted on August 21, 2015. 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 Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: Amerimax Coated Products, Inc.
ATTN: Mr. Dave Seiler
dseiler@amerimaxbp.com

Amerimax Coated Products, Inc.
ATTN: Ms. Onika Shirley
oshirley@amerimax.com



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

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on August 21, 2015
P.O. No. AME 082615

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>
193498-1	ALUM	18-Aug-2015 1400	1,2
193498-2	Steel	20-Aug-2015 0900	1

Notes:

1. Received temperature of samples did not meet regulatory requirements
2. Sample was received unpreserved

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 324 Road
Helena, AR 72342

ANALYTICAL RESULTS

AIC No. 193498-1
Sample Identification: ALUM 18-Aug-2015 1400

Analyte		Result	RL	Units	Qualifier
Total Cyanide		< 0.01	0.01	mg/l	
SM 4500-CN C,E 1999	Prep: 24-Aug-2015 0902 by 308	Analyzed: 24-Aug-2015 1623 by 308		Batch: W52987	
Aluminum		1.2	0.04	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Arsenic		< 0.05	0.05	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Chromium		< 0.007	0.007	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Copper		< 0.006	0.006	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Iron		0.39	0.02	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Nickel		0.018	0.01	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	
Zinc		0.039	0.002	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1416 by 317		Batch: S39629	

AIC No. 193498-2
Sample Identification: Steel 20-Aug-2015 0900

Analyte		Result	RL	Units	Qualifier
Total Cyanide		< 0.01	0.01	mg/l	
SM 4500-CN C,E 1999	Prep: 24-Aug-2015 0902 by 308	Analyzed: 24-Aug-2015 1625 by 308		Batch: W52987	
Aluminum		10	0.04	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Arsenic		< 0.05	0.05	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Chromium		< 0.007	0.007	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Copper		< 0.006	0.006	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Iron		2.1	0.02	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Nickel		0.013	0.01	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	
Zinc		0.020	0.002	mg/l	
EPA 200.7	Prep: 24-Aug-2015 1213 by 313	Analyzed: 25-Aug-2015 1422 by 317		Batch: S39629	



Amerimax Coated Products, Inc.
215 Phillips 324 Road
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	96.4	85.0-115			W52987	24Aug15 0902 by 308	24Aug15 1556 by 308		
Aluminum	5 mg/l	99.2	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Arsenic	5 mg/l	95.5	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Chromium	0.5 mg/l	98.5	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Copper	0.5 mg/l	93.3	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Iron	5 mg/l	97.3	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Nickel	0.5 mg/l	98.6	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		
Zinc	0.5 mg/l	97.2	85.0-115			S39629	24Aug15 1213 by 313	25Aug15 1401 by 317		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	193408-2	0.1 mg/l	94.0	75.0-125	W52987	24Aug15 0902 by 308	24Aug15 1600 by 308		
	193408-2	0.1 mg/l	90.2	75.0-125	W52987	24Aug15 0902 by 308	24Aug15 1602 by 308		
	Relative Percent Difference:		4.10	20.0	W52987				
Aluminum	193498-1	5 mg/l	101	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	5 mg/l	101	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.149	20.0	S39629				
Arsenic	193498-1	5 mg/l	95.1	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	5 mg/l	95.9	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.826	20.0	S39629				
Chromium	193498-1	0.5 mg/l	95.6	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	0.5 mg/l	95.9	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.358	20.0	S39629				
Copper	193498-1	0.5 mg/l	94.6	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	0.5 mg/l	95.0	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.324	20.0	S39629				
Iron	193498-1	5 mg/l	93.2	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	5 mg/l	93.8	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.591	20.0	S39629				
Nickel	193498-1	0.5 mg/l	95.4	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	0.5 mg/l	96.3	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.839	20.0	S39629				
Zinc	193498-1	0.5 mg/l	98.2	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1406 by 317		
	193498-1	0.5 mg/l	99.1	75.0-125	S39629	24Aug15 1213 by 313	25Aug15 1411 by 317		
	Relative Percent Difference:		0.907	20.0	S39629				



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

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W52987-1	24Aug15 0902 by 308	24Aug15 1554 by 308	
Aluminum	< 0.04 mg/l	0.04	0.04	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Arsenic	< 0.05 mg/l	0.05	0.05	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Chromium	< 0.007 mg/l	0.007	0.007	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Copper	< 0.006 mg/l	0.006	0.006	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Iron	< 0.02 mg/l	0.02	0.02	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Nickel	< 0.01 mg/l	0.01	0.01	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	
Zinc	< 0.002 mg/l	0.002	0.002	S39629-1	24Aug15 1213 by 313	25Aug15 1356 by 317	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <u>AMERICAN</u>		AIC CONTROL NO: <u>19349B</u>	
Project Reference:		AIC PROPOSAL NO:	
Project Manager:		Carrier:	
Sampled By:		Received Temperature C: <u>21.5</u>	
Remarks:			
NO OF BOTTLES		ANALYSES REQUESTED	
MATRIX			
WATER			
G R A B			
C O M P			
Date/Time Collected			
Sample Identification			
1 00358 ALU		1 AL AS AR CU FE NI RP	
1 15928 ALUM		1 CNT	
2 894H Steel		1 CNT	
2 3549 SFEL		1 AL AS CR CU FE NI ZN	
Container Type			
Preservative			
G = Glass		T = Sodium Thiosulfate	
NO = none		H = HCl to pH2	
P = Plastic		B = NaOH to pH12	
S = Sulfuric acid pH2		Z = Zinc acetate	
V = VOA vials		A = (NH4)2SO4, NH4OH	
N = Nitric acid pH2		Buffer:	
Turnaround Time Requested: (Please circle)		Date/Time	
NORMAL or EXPEDITED IN _____ DAYS		Received By:	
Expedited results requested by:		Date/Time	
Who should AIC contact with questions:		Received in Lab By: <u>[Signature]</u>	
Phone: _____ Fax: _____		Date/Time <u>8/21/15</u>	
Report Attention to:		Comments:	
Report Address to:		Felix # 7743 2623 5904	
Email Address:		FORM 0060	
9/2014			

Measured Pollutants vs. Concentration Limits

		Concentration (mg/L)			
		One Day Maximum Limit	Maximum Measured	Monthly Average Maximum Limit	Monthly Average Measured
Galvanized CFR 465.25	Cr	1.14	<0.007	0.46	<0.007
	Cu	3.79	<0.006	1.81	<0.006
	CN	0.63	<0.01	0.25	<0.01
	Zn	3.03	0.02	1.26	0.02
Aluminum CFR 465.35	Cr	1.56	<0.007	0.63	<0.007
	CN	0.84	<0.01	0.34	<0.01
	Zn	4.21	0.039	1.73	0.039