Peltier, Hannah

From: Gilliam, Allen
Sent: Tuesday, March 03, 2015 9:14 AM
To: Onika Shirley
Cc: Seth Gately; Mark Strozensky; helenawater@sbcglobal.net; Fuller, Kim; Peltier, Hannah
Subject: AR0043389_Euramax ARP001044 Feb 2015 Semi Annual Pretreatment report with ADEQ reply_20150303
Attachments: doc05735120150227135519.pdf

Onika,

Euramax' February 2015 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 Coil Coating production based standards in 40 CFRs 465.25 & 465.35. Thank you for providing the calculations allowing this office to see the conversion from production-based to concentration based limitations. Please continue this practice.

There are no further actions deemed necessary at this time.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Terry McGinister, City of Helena General Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Onika Shirley [mailto:oshirley@amerimax.com]
Sent: Friday, February 27, 2015 2:07 PM
To: Gilliam, Allen
Cc: Seth Gately; Mark Strozensky
Subject: AR0043389_Euramax ARP001044 Feb 2015 Semi Annual Pretreatment report

Good afternoon Allen,

Attached is the Semi-Annual Waste Water report for this period.

Thanks,

Onika Shirley
Production Manager
Amerimax Exterior Home Products
215 PC 324, Helena, AR. 72432
oshirley@amerimax.com
T (870) 572-5074 x 3234
F (870) 572-6501
Amerimax.com <http://www.amerimax.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: August 2014 TO: January 2015

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

40 CFR Part 465 -- Coil Coating Point Source Category

PROCESS*	PROD'N RATE(S) Total for Six Months	PROD'N DAYS Number of Operating Days
Subpart A Steel	N/P	
Subpart B Galv	11,792,570 ft^2	23
Subpart C Alum	95,529,702 ft^2	94
Subpart D Canmak	N/P	

*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]

40CFR465 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Euramax

(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	711.4	4485.0		23
Regulated: Alum Basis	1410.1	4485.0		94
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.

	Galvanized basis (CFR 465.25)					Aluminum basis (CFR 465.35)		
Pollutant	Cr	Cu	CN	Zn		Cr	CN	Zn
Max for 1 day (mg/l)	2.33	7.78	1.30	6.22		3.20	1.73	8.64
Max for Monthly Avg (mg/l)	0.95	3.72	0.52	2.59		1.30	0.69	3.54
Max Measured (mg/l)	<0.007	0.012	<0.01	0.14		<0.007	<0.01	0.028
*Avg Monthly Measured (mg/l)	<0.007	0.012	<0.01	0.14		<0.007	<0.01	0.028

* 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 _____.

40CFR465 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Euramax

(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

Onika Shirley
SIGNATURE

Production Manager
OFFICIAL TITLE

02/27/2015
DATE SIGNED

Euramax Flows and Rates for the Period

Number of days in period =		94	days aluminum was run
		23	days galvanized was run
Total flow (L) =		502,064	liters of aluminum waste water
		61,977	liters of galvanized waste water
Average flow (gal/day) =		1,410.1	gallons of aluminum waste water per day
		711.4	gallons of galvanized waste water per day
Maximum flow (gal/day)		4,485.0	gallons of waste water per day
	Aluminum	Galvanized	
Production Rate (ft^2) =	95.530	11.793	million ft^2

Allowable Limits per Day and per Period

465.25 Pretreatment standards for the Galvanized wastestream:

Pollutant	PSNS One Day Maximum (lb/1 million ft^2 of area processed)	PSNS 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 = $\frac{\text{production (million ft}^2\text{)}}{\text{days in period}} \times \text{PSNS maximum (lb/million ft}^2\text{)}$

$\frac{\text{11.79 million square feet}}{\text{23 days}} \times \text{PSNS maximum (lb/million ft}^2\text{)}$

Total Reported Production: 11.793 million ft^2

Production per Day: 0.5127 million ft^2/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0138	0.0056
Copper	0.0461	0.0220
Cyanide	0.0077	0.0031
Zinc	0.0369	0.0154

Flow reported during the period per day =

$$\frac{\text{total flow (L)}}{\text{days in period}} \times \frac{\text{0.264 gal}}{\text{liter}} \times \frac{\text{1 million gal}}{\text{1,000,000 gal}} = \frac{\text{million gal}}{\text{day}}$$

$$\frac{\text{61,977 Liters}}{\text{23 days}} \times \frac{\text{0.264 gal}}{\text{liter}} \times \frac{\text{1 million gal}}{\text{1,000,000 gal}} = \text{0.000711} \frac{\text{million gal}}{\text{day}}$$

(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) = $\frac{\text{maximum (lb)}}{\text{8.34 lb}} \times \frac{\text{1 gal}}{\text{0.000711 million gallons}}$

Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	2.333	0.951
Copper	7.778	3.716
Cyanide	1.296	0.519
Zinc	6.222	2.593

465.35 Pretreatment standards for the Aluminum wastestream:

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

The mass limitations for the aluminum line = $\frac{\text{production (million ft}^2\text{)}}{\text{days in period}}$ | PSNS maximum (lb/million ft^2)

$\frac{\text{95.53 million square feet}}{\text{94 days}}$ | PSNS maximum (lb/million ft^2)

Total Reported Production: 95.530 million ft^2

Production per Day: 1.0163 million ft^2/day

Pollutant	One Day Maximum (lb)	Monthly Average Maximum (lb)
Chromium	0.0376	0.0152
Cyanide	0.0203	0.0081
Zinc	0.1016	0.0417

Flow reported during the period per day =

$$\frac{\text{total flow (L)}}{\text{days in period}} \times \frac{0.264 \text{ gal}}{\text{liter}} \times \frac{1 \text{ million gal}}{1{,}000{,}000 \text{ gal}} = \frac{\text{million gal}}{\text{day}}$$

$$\frac{\text{502,064 Liters}}{\text{94 days}} \times \frac{0.264 \text{ gal}}{\text{liter}} \times \frac{1 \text{ million gal}}{1{,}000{,}000 \text{ gal}} = 0.001410 \frac{\text{million gal}}{\text{day}}$$

(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) = $\frac{\text{maximum (lb)}}{\frac{1 \text{ gal}}{8.34 \text{ lb}} \times 0.001410 \text{ million gallons}}$

Pollutant	One Day Maximum (mg/L)	Monthly Average Maximum (mg/L)
Chromium	3.198	1.296
Cyanide	1.728	0.691
Zinc	8.642	3.543

Measured Pollutants vs. Concentration Limits

		Concentration (mg/L)			
		One Day Maximum	Maximum Measured	Monthly Average Maximum	Monthly Average Measured
Galvanized CFR 465.25	Cr	2.33	<0.007	0.95	<0.007
	Cu	7.78	0.012	3.72	0.012
	CN	1.30	<0.01	0.52	<0.01
	Zn	6.22	0.14	2.59	0.14
Aluminum CFR 465.35	Cr	3.20	<0.007	1.30	<0.007
	CN	1.73	<0.01	0.69	<0.01
	Zn	8.64	0.028	3.54	0.028

AMERICAN INTERPLEX CORPORATION
LABORATORIES

February 25, 2015
Control No. 187673

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 February 13, 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: Ms. Onika Shirley
oshirley@amerimax.com

AMERICAN INTERPLEX CORPORATION
LABORATORIES

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

SAMPLE INFORMATION

Project Description:
Two (2) water sample(s) received on February 13, 2015
P.O. No. AME 022515

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:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
187673-1	Alum	06-Feb-2015 1200	1
187673-2	Steel	12-Feb-2015	1,2

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

Qualifiers:
D Result is from a secondary dilution factor

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).

AMERICAN INTERPLEX CORPORATION
LABORATORIES

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

ANALYTICAL RESULTS

AIC No. 187673-1
Sample Identification: Alum 06-Feb-2015 1200

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**< 0.01**	0.01	**mg/l**	
SM 4500-CN C,E 1999	Prep: 19-Feb-2015 0905 by 308	Analyzed: 19-Feb-2015 1248 by 308		Batch: W50989	
Aluminum		**0.23**	0.04	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Arsenic		**< 0.05**	0.05	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Chromium		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Copper		**0.012**	0.006	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Iron		**2.5**	0.02	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Nickel		**0.18**	0.01	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	
Zinc		**0.14**	0.002	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1729 by 302		Batch: S38336	

AIC No. 187673-2
Sample Identification: Steel 12-Feb-2015

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**< 0.01**	0.01	**mg/l**	
SM 4500-CN C,E 1999	Prep: 19-Feb-2015 0905 by 308	Analyzed: 19-Feb-2015 1250 by 308		Batch: W50989	
Aluminum		**14**	0.2	**mg/l**	D
EPA 200.7	Prep: 19-Feb-2015 1415 by 313	Analyzed: 20-Feb-2015 0810 by 235		Batch: S38336	Dil: 5
Arsenic		**< 0.05**	0.05	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	
Chromium		**< 0.007**	0.007	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	
Copper		**0.027**	0.006	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	
Iron		**2.6**	0.02	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	
Nickel		**0.016**	0.01	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	
Zinc		**0.028**	0.002	**mg/l**	
EPA 200.8	Prep: 19-Feb-2015 1415 by 313	Analyzed: 19-Feb-2015 1734 by 302		Batch: S38336	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

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	96.2	85.0-115			W50989	19Feb15 0905 by 308	19Feb15 1241 by 308		
Aluminum	0.05 mg/l	96.5	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Arsenic	0.05 mg/l	102	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Chromium	0.05 mg/l	92.5	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Copper	0.05 mg/l	104	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Iron	5 mg/l	98.1	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Nickel	0.05 mg/l	102	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		
Zinc	0.05 mg/l	101	85.0-115			S38336	19Feb15 1415 by 313	19Feb15 1700 by 302		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	187714-1	0.1 mg/l	102	75.0-125	W50989	19Feb15 0905 by 308	19Feb15 1325 by 308		
	187714-1	0.1 mg/l	108	75.0-125	W50989	19Feb15 0905 by 308	19Feb15 1327 by 308		
	Relative Percent Difference:		5.61	20.0	W50989				
Aluminum	187723-1	0.05 mg/l	108	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	89.0	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		15.1	20.0	S38336				
Arsenic	187723-1	0.05 mg/l	103	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	103	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		0.363	20.0	S38336				
Chromium	187723-1	0.05 mg/l	87.7	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	88.5	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		0.906	20.0	S38336				
Copper	187723-1	0.05 mg/l	92.4	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	99.8	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		6.58	20.0	S38336				
Iron	187723-1	5 mg/l	98.0	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	5 mg/l	98.1	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		0.0659	20.0	S38336				
Nickel	187723-1	0.05 mg/l	98.9	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	97.8	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		1.06	20.0	S38336				
Zinc	187723-1	0.05 mg/l	98.9	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1705 by 302		
	187723-1	0.05 mg/l	95.0	75.0-125	S38336	19Feb15 1415 by 313	19Feb15 1710 by 302		
	Relative Percent Difference:		3.59	20.0	S38336				

AMERICAN INTERPLEX CORPORATION
LABORATORIES

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	W50989-1	19Feb15 0905 by 308	19Feb15 1239 by 308	
Aluminum	< 0.04 mg/l	0.04	0.04	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Arsenic	< 0.05 mg/l	0.05	0.05	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Chromium	< 0.007 mg/l	0.007	0.007	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Copper	< 0.006 mg/l	0.006	0.006	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Iron	< 0.02 mg/l	0.02	0.02	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Nickel	< 0.01 mg/l	0.01	0.01	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	
Zinc	< 0.002 mg/l	0.002	0.002	S38336-1	19Feb15 1415 by 313	19Feb15 1655 by 302	

AMERICAN INTERPLEX CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: AmeriMay
Project Reference:
Project Manager:
Sampled By:

PO No.

MATRIX: W A T E R; S O I L

NO OF BOTTLES

ANALYSES REQUESTED

AIC CONTROL NO: 187673
AIC PROPOSAL NO:
Carrier:
Received Temperature C: 19.8

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	WATER	SOIL	NO OF BOTTLES	ANALYSES REQUESTED	Remarks
1 7903	C-1793	2-6-15			✓		1	cut	ALUM Time (S) 1200 pm
2 7903	C-1793	2-6-15			✓				ALUM 1 L
3 7903	C-1793	2-11-15			✓				Steel DATE (S) 2-12-15
4 7903	C-1793	2-11-15			✓			cut	Steel 1 L
		Container Type				P			
		Preservative							

Field pH calibration on _____ @ _____
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=$(NH_4)_2SO_4$, NH_4OH

Turnaround Time Requested: (Please circle)
NORMAL or EXPEDITED IN ____ DAYS
Expedited results requested by: _____
Who should AIC contact with questions:
Phone: _____ Fax:
Report Attention to:
Report Address to:
Email Address:

Relinquished By:	Date/Time	Received By:	Date/Time
Relinquished By:	Date/Time	Received in Lab By:	Date/Time
			2/13/15 1040

Comments: cooler smelled as if contents may have spilled out but all seals were ok

9/2014

FORM 0060

UPS 1Z7E1827 03 1004 2921