

## Gage, Hannah

---

**From:** Johnson, Lindsay  
**Sent:** Friday, June 02, 2017 1:18 PM  
**To:** 'Teresa Melton'  
**Cc:** Gage, Hannah; McWilliams, Carrie; Leamons, Bryan; Yates, Adam; Healey, Richard; 'helenawater@sbcglobal.net'  
**Subject:** AR0043389\_Euramax ARP001044 Late Febuary 2017 semi annual Pretreatment report\_20170602  
**Attachments:** Semi-Annual Report Form Euramax Feb 2017.pdf; Euramax Feb 2017 Data.pdf; Euramax Feb 2017 Data1.pdf; Euramax Feb 2017 Calculations.docx

Teresa,

Euramax's late February 2017 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 production based standards (converted to alterative concentration based limits) in 40 CFRs 465.25 and 465.35, the Coil Coating Pretreatment standards Subparts B (Galvanized Basis) and C (Aluminum Basis).

The semi-annual reports are due during the months of August and February of each year. Sampling should take place at the beginning or before the reporting months to ensure a timely report.

Thank you,

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

Cc: Richard Healey, NPDES Enforcement Branch Manager  
Terry McGinister, Helena General Manager

---

**From:** Teresa Melton [<mailto:tmelton@amerimax.com>]  
**Sent:** Thursday, June 01, 2017 3:02 PM  
**To:** Yates, Adam  
**Cc:** Johnson, Lindsay  
**Subject:** RE: SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR465 Water Div/NPDES Pretreatment

Adam,

Here is the completed 40 CFR 465 report. I have attached the worksheet in which all calculations were made as well as the lab results (including chain of custody). Please let me know if you have questions or concerns.

Kind Regards,  
Teresa Melton  
Quality, E, H & S Manager  
870-450-1822  
[tmelton@amerimax.com](mailto:tmelton@amerimax.com)

---

**From:** Yates, Adam [<mailto:yates@adeq.state.ar.us>]  
**Sent:** Friday, May 19, 2017 2:54 PM  
**To:** Teresa Melton <[tmelton@amerimax.com](mailto:tmelton@amerimax.com)>  
**Cc:** Johnson, Lindsay <[ljohnson@adeq.state.ar.us](mailto:ljohnson@adeq.state.ar.us)>  
**Subject:** RE: SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR465 Water Div/NPDES Pretreatment

Teresa,

No problem at all! Please see the attached document. I apologize for the delayed response. I had to revise the semi-annual report form to include the correct testing requirements for 40 CFR 465 because I also could not locate a blank copy that was used previously. As with previous reports, please be sure to include the calculations of the categorical limits based on production data and a complete Chain of Custody for the analytical test results. If you have any questions or concerns, please feel free to contact Lindsay or myself.

Thank you,

Adam Yates  
Engineer / Pretreatment Coordinator  
Office of Water Quality  
Arkansas Department of Environmental Quality  
Phone: (501) 682-0617

---

**From:** Teresa Melton [<mailto:tmelton@amerimax.com>]  
**Sent:** Tuesday, May 16, 2017 12:37 PM  
**To:** Yates, Adam  
**Cc:** Johnson, Lindsay  
**Subject:** SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR465 Water Div/NPDES Pretreatment

Good afternoon,

I would like to introduce myself. I am the Quality, E, H & S Manager for Amerimax in Helena Arkansas. I hate to ask but it seems that I can not locate a blank copy of the semi-annual report so that I can submit our report. Can one of you point me in the right direction? Any help would be greatly appreciated.

Teresa Melton  
Quality, E, H & Safety Manager  
Cell: 870-450-1822  
[tmelton@amerimax.com](mailto:tmelton@amerimax.com)

This message (including any attachments) contains information intended for a specific individual(s) and purpose that may be privileged, confidential or otherwise protected from disclosure pursuant to applicable law. Any inappropriate use, distribution or copying of the message is strictly prohibited and may subject you to criminal or civil penalty. If you have received this transmission in error, please reply to the sender indicating this error and delete the transmission from your system immediately.

This message (including any attachments) contains information intended for a specific individual(s) and purpose that may be privileged, confidential or otherwise protected from disclosure pursuant to applicable law. Any inappropriate use, distribution or copying of the message is strictly prohibited and may subject you to criminal or civil penalty. If you have received this transmission in error, please reply to the sender indicating this error and delete the transmission from your system immediately.

**SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433**

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Office of Water Quality - NPDES Pretreatment

**(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking #** ARP00 ARK00 B965

|  |  |
|--|--|
| <p><b>A. LEGAL NAME &amp; MAILING ADDRESS</b></p> <p>Omnimax International, Inc.<br/>215 Phillips 324 Road<br/>Helena, Ark 72342</p> | <p><b>B. FACILITY &amp; LOCATION ADDRESS</b></p> <p>Euramax International, Inc.<br/><br/>215 Phillips 324 Road<br/>Helena, Ark 72342</p> |
|--|--|

**C. FACILITY CONTACT:** Teresa Melton **TELEPHONE NUMBER:** 870-450-1822 **E-MAIL:** tmelton@Amerimax.com

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

|   |   |
|---|---|
| <p><b>A. MONTHS WHICH REPORTS ARE DUE</b></p> <p align="center"><u>August</u> &amp; <u>February</u></p> | <p><b>B. PERIOD COVERED BY THIS REPORT</b></p> <p><b>FROM:</b> <u>August 2016</u> <b>TO:</b> <u>February 2017</u></p> |
|---|---|

**(3) DESCRIPTION OF OPERATION**

| <p><b>A. REGULATED PROCESSES</b></p> <p>40 CFR Part 465—Coil Coating Point Source Category</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>PROCESS</u><sup>1</sup></th> <th style="text-align: center;"><u>PRODUCTION RATE(S)</u><br/><small>Total for Six Months</small></th> <th style="text-align: center;"><u>PRODUCTION DAYS</u><br/><small>Number of Operating Days</small></th> </tr> </thead> <tbody> <tr> <td>Subpart A<br/>Steel</td> <td align="center"><u>N/P</u></td> <td align="center"><u>                    </u></td> </tr> <tr> <td>Subpart B<br/>Galvanized</td> <td align="center"><u>5,097,472 ft<sup>2</sup></u></td> <td align="center"><u>21</u></td> </tr> <tr> <td>Subpart C<br/>Aluminum</td> <td align="center"><u>119,034,965 ft<sup>2</sup></u></td> <td align="center"><u>91</u></td> </tr> <tr> <td>Subpart D<br/>Canmaking</td> <td align="center"><u>N/P</u></td> <td align="center"><u>                    </u></td> </tr> </tbody> </table> <p align="left" style="margin-top: 10px;"><sup>1</sup> Show Rate &amp; Days. If process is not present, show "Not Present" or "N/P."</p> | <u>PROCESS</u> <sup>1</sup>                                      | <u>PRODUCTION RATE(S)</u><br><small>Total for Six Months</small>  | <u>PRODUCTION DAYS</u><br><small>Number of Operating Days</small> | Subpart A<br>Steel | <u>N/P</u> | <u>                    </u> | Subpart B<br>Galvanized | <u>5,097,472 ft<sup>2</sup></u> | <u>21</u> | Subpart C<br>Aluminum | <u>119,034,965 ft<sup>2</sup></u> | <u>91</u> | Subpart D<br>Canmaking | <u>N/P</u> | <u>                    </u> | <p><b>B. CHANGES:</b> 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.</p> |
|---|--|---|---|--------------------|------------|-----------------------------|-------------------------|---------------------------------|-----------|-----------------------|-----------------------------------|-----------|------------------------|------------|-----------------------------|--|
| <u>PROCESS</u> <sup>1</sup>   | <u>PRODUCTION RATE(S)</u><br><small>Total for Six Months</small> | <u>PRODUCTION DAYS</u><br><small>Number of Operating Days</small> |   |                    |            |                             |                         |                                 |           |                       |                                   |           |                        |            |                             |  |
| Subpart A<br>Steel  | <u>N/P</u>   | <u>                    </u>                                       |   |                    |            |                             |                         |                                 |           |                       |                                   |           |                        |            |                             |  |
| Subpart B<br>Galvanized   | <u>5,097,472 ft<sup>2</sup></u>                                  | <u>21</u>   |   |                    |            |                             |                         |                                 |           |                       |                                   |           |                        |            |                             |  |
| Subpart C<br>Aluminum   | <u>119,034,965 ft<sup>2</sup></u>                                | <u>91</u>   |   |                    |            |                             |                         |                                 |           |                       |                                   |           |                        |            |                             |  |
| Subpart D<br>Canmaking  | <u>N/P</u>   | <u>                    </u>                                       |   |                    |            |                             |                         |                                 |           |                       |                                   |           |                        |            |                             |  |

|  |                             |
|--|-----------------------------|
| <p><b>C. Number of Regular Employees at this Facility</b></p> <p><u>42</u></p> | <p><b>D. [Reserved]</b></p> |
|--|-----------------------------|

**(4) FLOW MEASUREMENT**

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

| Process  | Avg. Total Flow <sup>1</sup> | Max. Total Flow <sup>2</sup> | Type of Discharge | No. of Disc Days |
|--|------------------------------|------------------------------|-------------------|------------------|
| Regulated: Steel                               | N/P                          |                              |                   |                  |
| Regulated: Galvanized                          | 1,178.048                    | 7,069.0                      |                   | 21               |
| Regulated: Aluminum                            | 1,855.73                     | 7,069.0                      |                   | 91               |
| Regulated: Canmaking                           |                              |                              |                   |                  |
| Total Regulated                                |                              |                              |                   |                  |
| <sup>1</sup> 403.6(e) Unregulated <sup>3</sup> |                              |                              |                   |                  |
| <sup>1</sup> 403.6(e) Dilute                   |                              |                              |                   |                  |
| Cooling Water                                  |                              |                              |                   |                  |
| Sanitary                                       | 1,425                        | 1,425                        | continuous        |                  |
| Total Flow to POTW                             |                              |                              | N/A               | N/A              |

<sup>1</sup> "Avg. Total Flow" is the average of "total gallons discharged in a 24-hour day" during the reporting period. Note that "Avg. Total Flow" multiplied by "No. of Disc Days" must equal the actual total gallons discharged to the POTW for this six month period.  
<sup>2</sup> "Max. Total Flow" is the maximum "total gallons discharged in a 24-hour day" during the reporting period.  
<sup>3</sup> "Unregulated" has a precise legal meaning; see 40 CFR 403.6(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 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.**

| Pretreatment Standards             | Galvanized Basis<br>[40 CFR 465.25] |        |                 |       | Aluminum Basis<br>[40 CFR 465.35] |                 |        |
|------------------------------------|-------------------------------------|--------|-----------------|-------|-----------------------------------|-----------------|--------|
|                                    | Cr                                  | Cu     | CN <sup>-</sup> | Zn    | Cr                                | CN <sup>-</sup> | Zn     |
| Pollutant Limits (mg/l)            |                                     |        |                 |       |                                   |                 |        |
| Max. for 1 day                     | .6672                               | 2.22   | .37             | 1.779 | 3.128                             | 1.691           | 8.455  |
| Monthly Avg.                       | .2718                               | 1.0627 | .1482           | .7414 | 1.268                             | .676            | 3.4665 |
| Max. Measured                      | <.007                               | <.006  | <.01            | .35   | .025                              | <.01            | .21    |
| Monthly Avg. Measured <sup>1</sup> | <.007                               | <.006  | <.01            | .35   | .025                              | <.01            | .21    |

<sup>1</sup> This value is the average of all samples taken during one (1) calendar month regardless of 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-semi-annually \_\_\_\_\_

40 CFR 136 Preservation and Analytical Methods Used: \* Yes  No  (include complete Chain of Custody)

**(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 the pretreatment standards, I certify that, to the best of my knowledge and belief, 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 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.

\_\_\_\_\_  
(Printed Name)

\_\_\_\_\_  
(Corporate Officer or authorized representative signature)

\_\_\_\_\_  
(Date of Signature)

**B. 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 \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public in and for \_\_\_\_\_ County, Arkansas

My commission expires \_\_\_\_\_.

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

16602 [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 including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservaton:

---

---

---

---

---

---

**(8) GENERAL COMMENTS**

**(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(f)**

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.

Teresa Melton  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Teresa Melton  
SIGNATURE

Quality, E, H & S Manager  
OFFICIAL TITLE

6/1/2017  
DATE SIGNED

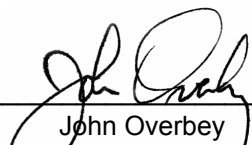


Amerimax Coated Products, Inc  
ATTN: Ms. Teresa Melton  
215 Phillips Road 324  
Helena, AR 72342

This report contains the analytical results and supporting information for samples submitted on May 10, 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: 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 May 10, 2017  
Waste Water  
P.O. No. POEXP046050217TM

**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> |
|----------------------|-------------------------|--------------------------|--------------|
| 212635-1             | 72200 Alum Run          | 09-May-2017              |              |
| 212635-2             | 08241 Alum.             | 09-May-2017              | 1            |

**Notes:**

1. Received temperature of samples did not meet regulatory requirements

**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.** 212635-1

**Sample Identification:** 72200 Alum Run 09-May-2017

| <u>Analyte</u>               | <u>Result</u>   | <u>RL</u>   | <u>Units</u>                 | <u>Qualifier</u> |
|------------------------------|---|---|------------------------------|------------------|
| <b>Aluminum</b><br>EPA 200.7 | <b>0.69</b><br>Analyzed: 11-May-2017 1529 by 235      | <b>0.04</b><br>Analyzed: 11-May-2017 1529 by 235  | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Arsenic</b><br>EPA 200.7  | <b>&lt; 0.05</b><br>Analyzed: 11-May-2017 1529 by 235 | <b>0.05</b><br>Analyzed: 11-May-2017 1529 by 235  | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Chromium</b><br>EPA 200.7 | <b>0.025</b><br>Analyzed: 11-May-2017 1529 by 235     | <b>0.007</b><br>Analyzed: 11-May-2017 1529 by 235 | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Copper</b><br>EPA 200.7   | <b>0.019</b><br>Analyzed: 11-May-2017 1529 by 235     | <b>0.006</b><br>Analyzed: 11-May-2017 1529 by 235 | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Iron</b><br>EPA 200.7     | <b>0.25</b><br>Analyzed: 11-May-2017 1529 by 235      | <b>0.02</b><br>Analyzed: 11-May-2017 1529 by 235  | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Nickel</b><br>EPA 200.7   | <b>0.40</b><br>Analyzed: 11-May-2017 1529 by 235      | <b>0.01</b><br>Analyzed: 11-May-2017 1529 by 235  | <b>mg/l</b><br>Batch: S43181 |                  |
| <b>Zinc</b><br>EPA 200.7     | <b>0.21</b><br>Analyzed: 11-May-2017 1529 by 235      | <b>0.004</b><br>Analyzed: 11-May-2017 1529 by 235 | <b>mg/l</b><br>Batch: S43181 |                  |

**AIC No.** 212635-2

**Sample Identification:** 08241 Alum. 09-May-2017

| <u>Analyte</u>                              | <u>Result</u>   | <u>RL</u>  | <u>Units</u>                 | <u>Qualifier</u> |
|---|---|--|------------------------------|------------------|
| <b>Total Cyanide</b><br>SM 4500-CN C,E 1999 | <b>&lt; 0.01</b><br>Analyzed: 11-May-2017 1152 by 321 | <b>0.01</b><br>Analyzed: 11-May-2017 1152 by 321 | <b>mg/l</b><br>Batch: W59782 |                  |

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     | 89.0 | 85.0-115 |     |       | W59782 | 11May17 0758 by 321 | 11May17 1124 by 321 |     |      |
| Aluminum      | 5 mg/l       | 99.4 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Arsenic       | 5 mg/l       | 95.4 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Chromium      | 0.5 mg/l     | 95.2 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Copper        | 0.5 mg/l     | 94.4 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Iron          | 5 mg/l       | 95.4 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Nickel        | 0.5 mg/l     | 94.6 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |
| Zinc          | 0.5 mg/l     | 93.8 | 85.0-115 |     |       | S43181 | 11May17 1141 by 313 | 11May17 1517 by 235 |     |      |

**MATRIX SPIKE SAMPLE RESULTS**

| Analyte       | Sample                       | Spike Amount | %     | Limits   | Batch  | Preparation Date    | Analysis Date       | Dil | Qual |
|---------------|------------------------------|--------------|-------|----------|--------|---------------------|---------------------|-----|------|
| Total Cyanide | 212626-2                     | 0.1 mg/l     | 83.3  | 75.0-125 | W59782 | 11May17 0758 by 321 | 11May17 1128 by 321 |     |      |
|               | 212626-2                     | 0.1 mg/l     | 85.2  | 75.0-125 | W59782 | 11May17 0758 by 321 | 11May17 1129 by 321 |     |      |
|               | Relative Percent Difference: |              | 2.26  | 20.0     | W59782 |                     |                     |     |      |
| Aluminum      | 212635-1                     | 5 mg/l       | 104   | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 5 mg/l       | 107   | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 2.70  | 20.0     | S43181 |                     |                     |     |      |
| Arsenic       | 212635-1                     | 5 mg/l       | 96.0  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 5 mg/l       | 95.8  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 0.209 | 20.0     | S43181 |                     |                     |     |      |
| Chromium      | 212635-1                     | 0.5 mg/l     | 89.0  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 0.5 mg/l     | 91.8  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 2.94  | 20.0     | S43181 |                     |                     |     |      |
| Copper        | 212635-1                     | 0.5 mg/l     | 92.5  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 0.5 mg/l     | 96.3  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 3.87  | 20.0     | S43181 |                     |                     |     |      |
| Iron          | 212635-1                     | 5 mg/l       | 90.2  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 5 mg/l       | 92.2  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 2.08  | 20.0     | S43181 |                     |                     |     |      |
| Nickel        | 212635-1                     | 0.5 mg/l     | 85.2  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 0.5 mg/l     | 90.6  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 3.26  | 20.0     | S43181 |                     |                     |     |      |
| Zinc          | 212635-1                     | 0.5 mg/l     | 93.8  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1521 by 235 |     |      |
|               | 212635-1                     | 0.5 mg/l     | 95.8  | 75.0-125 | S43181 | 11May17 1141 by 313 | 11May17 1525 by 235 |     |      |
|               | Relative Percent Difference: |              | 1.49  | 20.0     | S43181 |                     |                     |     |      |



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       | W59782-1         | 11May17 0758 by 321     | 11May17 1122 by 321  |             |
| Aluminum       | < 0.04 mg/l   | 0.04      | 0.04       | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Arsenic        | < 0.05 mg/l   | 0.05      | 0.05       | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Chromium       | < 0.007 mg/l  | 0.007     | 0.007      | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Copper         | < 0.006 mg/l  | 0.006     | 0.006      | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Iron           | < 0.02 mg/l   | 0.02      | 0.02       | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Nickel         | < 0.01 mg/l   | 0.01      | 0.01       | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |
| Zinc           | < 0.004 mg/l  | 0.004     | 0.004      | S43181-1         | 11May17 1141 by 313     | 11May17 1514 by 235  |             |



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

|   |                       |                     |                                      |                                     |                                      |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  |   |   |  |
|---|-----------------------|---------------------|--------------------------------------|-------------------------------------|--------------------------------------|--------------------|------------------------------------|------------------------|--|--|--|--|-------------------------------|--|--|----------------------------------|--|---|---|--|
| Client: <u>Amerimax</u>   |                       |                     | PO No.                               |                                     | NO OF BOTTLES                        | ANALYSES REQUESTED |                                    |                        |  |  |  |  |                               |  |  | AIC CONTROL NO:<br><u>212635</u> |  |   |   |  |
| Project Reference: <u>waste water</u>   |                       |                     | MATRIX                               |                                     |                                      |                    |                                    |                        |  |  |  |  |                               |  |  | AIC PROPOSAL NO:                 |  |   |   |  |
| Project Manager: <u>Teresa Melton</u>   |                       |                     | WATER                                | COMB                                |                                      |                    |                                    |                        |  |  |  |  |                               |  |  | Carrier:<br><u>Fed-X</u>         |  |   |   |  |
| Sampled By: <u>Gddie Little</u>   |                       |                     |                                      |                                     |                                      | GRAB               | SAMPLE                             |                        |  |  |  |  |                               |  |  |                                  |  | Received Temperature C<br><u>22.1°C</u> |   |  |
| AIC No.   | Sample Identification | Date/Time Collected |                                      |                                     |                                      |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  |   | Remarks                                       |  |
| <u>1</u>  | <u>72200</u>          | <u>5-9-17</u>       | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>  |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  | <u>Alum RW</u>                          |   |  |
| <u>2</u>  | <u>08241</u>          | <u>5-9-17</u>       | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>  |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  | <u>Alum.</u>                            |   |  |
|   |                       |                     | Container Type                       |                                     | <u>P</u>                             | Preservative       |                                    | <u>NH<sub>2</sub>O</u> |  |  |  |  |                               |  |  |                                  |  |   | Field pH calibration on _____ @ _____ Buffer: |  |
| G = Glass<br>NO = none  |                       |                     | P = Plastic<br>S = Sulfuric acid pH2 |                                     | V = VOA vials<br>N = Nitric acid pH2 |                    | H = HCl to pH2<br>B = NaOH to pH12 |                        | T = Sodium Thiosulfate<br>Z = Zinc acetate |  | A = (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> , NH <sub>4</sub> OH |  |                               |  |  |                                  |  |   |   |  |
| Turnaround Time Requested: (Please circle)<br>NORMAL or EXPEDITED IN ___ DAYS |                       |                     |                                      |                                     | Relinquished By:                     |                    | Date/Time                          |                        | Received By:                               |  |  |  | Date/Time                     |  |  |                                  |  |   |   |  |
| Expedited results requested by: _____   |                       |                     |                                      |                                     | By: <u>Charlotte Hamilton</u>        |                    | <u>5-9-17</u>                      |                        | By: _____                                  |  |  |  |                               |  |  |                                  |  |   |   |  |
| Who should AIC contact with questions: <u>Teresa Melton</u>                   |                       |                     |                                      |                                     | Relinquished By:                     |                    | Date/Time                          |                        | Received in Lab By:                        |  |  |  | Date/Time                     |  |  |                                  |  |   |   |  |
| Phone: <u>970-450-1822</u>  |                       |                     |                                      |                                     | By: _____                            |                    |                                    |                        | By: <u>[Signature]</u>                     |  |  |  | <u>5-10-17</u><br><u>0815</u> |  |  |                                  |  |   |   |  |
| Report Attention to: <u>Tmelton@amerimax.com</u>                              |                       |                     |                                      |                                     | Comments:                            |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  |   |   |  |
| Report Address to:  |                       |                     |                                      |                                     |                                      |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  |   |   |  |
| Email Address:  |                       |                     |                                      |                                     | <u>7790 9804 0635</u>                |                    |                                    |                        |  |  |  |  |                               |  |  |                                  |  |   |   |  |

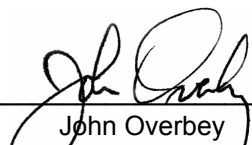


Amerimax Coated Products, Inc  
ATTN: Ms. Teresa Melton  
215 Phillips Road 324  
Helena, AR 72342

This report contains the analytical results and supporting information for samples submitted on 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: 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 April 27, 2017  
Wastewater  
P.O. No. EXP046050217TM

**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> |
|----------------------|-------------------------|--------------------------|--------------|
| 212220-1             | 10906 Steel             | 25-Apr-2017 1400         |              |
| 212220-2             | 72635 Steel             | 25-Apr-2017 1400         |              |

**Qualifiers:**

- D Result is from a secondary dilution factor
- X Spiking level is invalid due to the high concentration of analyte in the spiked sample

**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. 212220-1**

**Sample Identification:** 10906 Steel 25-Apr-2017 1400

| <u>Analyte</u>                              | <u>Result</u>   | <u>RL</u>   | <u>Units</u>                 | <u>Qualifier</u> |
|---|---|-------------|------------------------------|------------------|
| <b>Total Cyanide</b><br>SM 4500-CN C,E 1999 | <b>&lt; 0.01</b><br>Analyzed: 01-May-2017 1611 by 321 | <b>0.01</b> | <b>mg/l</b><br>Batch: W59656 |                  |

**AIC No. 212220-2**

**Sample Identification:** 72635 Steel 25-Apr-2017 1400

| <u>Analyte</u>               | <u>Result</u>  | <u>RL</u>    | <u>Units</u>                 | <u>Qualifier</u> |
|------------------------------|--|--------------|------------------------------|------------------|
| <b>Aluminum</b><br>EPA 200.7 | <b>0.14</b><br>Analyzed: 01-May-2017 1034 by 308       | <b>0.04</b>  | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Arsenic</b><br>EPA 200.7  | <b>&lt; 0.05</b><br>Analyzed: 01-May-2017 1034 by 308  | <b>0.05</b>  | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Chromium</b><br>EPA 200.7 | <b>&lt; 0.007</b><br>Analyzed: 01-May-2017 1034 by 308 | <b>0.007</b> | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Copper</b><br>EPA 200.7   | <b>&lt; 0.006</b><br>Analyzed: 01-May-2017 1034 by 308 | <b>0.006</b> | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Iron</b><br>EPA 200.7     | <b>0.39</b><br>Analyzed: 01-May-2017 1034 by 308       | <b>0.02</b>  | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Nickel</b><br>EPA 200.7   | <b>0.25</b><br>Analyzed: 01-May-2017 1034 by 308       | <b>0.01</b>  | <b>mg/l</b><br>Batch: S43093 |                  |
| <b>Zinc</b><br>EPA 200.7     | <b>0.35</b><br>Analyzed: 01-May-2017 1034 by 308       | <b>0.004</b> | <b>mg/l</b><br>Batch: S43093 |                  |

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     | 103  | 85.0-115 |     |       | W59656 | 01May17 0919 by 117 | 01May17 1609 by 321 |     |      |
| Aluminum      | 5 mg/l       | 94.0 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Arsenic       | 5 mg/l       | 101  | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Chromium      | 0.5 mg/l     | 98.8 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Copper        | 0.5 mg/l     | 96.0 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Iron          | 5 mg/l       | 99.4 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Nickel        | 0.5 mg/l     | 96.0 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |
| Zinc          | 0.5 mg/l     | 97.4 | 85.0-115 |     |       | S43093 | 28Apr17 1207 by 308 | 01May17 0908 by 308 |     |      |

**MATRIX SPIKE SAMPLE RESULTS**

| Analyte       | Sample                       | Spike Amount | %     | Limits   | Batch  | Preparation Date    | Analysis Date       | Dil | Qual |
|---------------|------------------------------|--------------|-------|----------|--------|---------------------|---------------------|-----|------|
| Total Cyanide | 212220-1                     | 0.1 mg/l     | 103   | 75.0-125 | W59656 | 01May17 0919 by 117 | 01May17 1613 by 321 |     |      |
|               | 212220-1                     | 0.1 mg/l     | 103   | 75.0-125 | W59656 | 01May17 0919 by 117 | 01May17 1614 by 321 |     |      |
|               | Relative Percent Difference: |              | 0.389 | 20.0     | W59656 |                     |                     |     |      |
| Aluminum      | 212190-1                     | 5 mg/l       | 78.2  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 5 mg/l       | 78.0  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 0.242 | 20.0     | S43093 |                     |                     |     |      |
| Arsenic       | 212190-1                     | 5 mg/l       | 98.0  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 5 mg/l       | 97.8  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 0.203 | 20.0     | S43093 |                     |                     |     |      |
| Chromium      | 212190-1                     | 0.5 mg/l     | 95.2  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 0.5 mg/l     | 93.2  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 1.33  | 20.0     | S43093 |                     |                     |     |      |
| Copper        | 212190-1                     | 0.5 mg/l     | 99.3  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 0.5 mg/l     | 98.1  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 0.920 | 20.0     | S43093 |                     |                     |     |      |
| Iron          | 212190-1                     | 5 mg/l       | -     | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 1335 by 308 | 10  | X    |
|               | 212190-1                     | 5 mg/l       | -     | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 1339 by 308 | 10  | X    |
|               | Relative Percent Difference: |              | 6.37  | 20.0     | S43093 |                     |                     |     |      |
| Nickel        | 212190-1                     | 0.5 mg/l     | 90.6  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 0.5 mg/l     | 89.8  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 0.730 | 20.0     | S43093 |                     |                     |     |      |
| Zinc          | 212190-1                     | 0.5 mg/l     | 95.1  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0912 by 308 |     |      |
|               | 212190-1                     | 0.5 mg/l     | 93.9  | 75.0-125 | S43093 | 28Apr17 1207 by 308 | 01May17 0917 by 308 |     |      |
|               | Relative Percent Difference: |              | 0.998 | 20.0     | S43093 |                     |                     |     |      |





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

**LABORATORY BLANK RESULTS**

| <b>Analyte</b> | <b>Result</b> | <b>RL</b> | <b>PQL</b> | <b>QC Sample</b> | <b>Preparation Date</b> | <b>Analysis Date</b> | <b>Qual</b> |
|----------------|---------------|-----------|------------|------------------|-------------------------|----------------------|-------------|
| Total Cyanide  | < 0.01 mg/l   | 0.01      | 0.01       | W59656-1         | 01May17 0919 by 117     | 01May17 1607 by 321  |             |
| Aluminum       | < 0.04 mg/l   | 0.04      | 0.04       | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Arsenic        | < 0.05 mg/l   | 0.05      | 0.05       | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Chromium       | < 0.007 mg/l  | 0.007     | 0.007      | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Copper         | < 0.006 mg/l  | 0.006     | 0.006      | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Iron           | < 0.02 mg/l   | 0.02      | 0.02       | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Nickel         | < 0.01 mg/l   | 0.01      | 0.01       | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |
| Zinc           | < 0.004 mg/l  | 0.004     | 0.004      | S43093-1         | 28Apr17 1207 by 308     | 01May17 0905 by 308  |             |

**CHAIN OF CUSTODY / ANALYSIS REQUEST FORM**

PAGE 1 OF 1

|   |                       |                     |                                   |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
|---|-----------------------|---------------------|-----------------------------------|------|----------------------------------|--------------------|----------------------------------|----|--------------------------------|----|----|----|---------|------------------|--|----------------------------------|--|
| Client: <u>Amerimax</u>   |                       |                     | PO No.                            |      | NO OF BOTTLES                    | ANALYSES REQUESTED |                                  |    |                                |    |    |    |         |                  |  | AIC CONTROL NO:<br><u>212230</u> |  |
| Project Reference: <u>Waste water</u>   |                       |                     | SAMPLE MATRIX                     |      |                                  | AL                 | AS                               | Cl | Cu                             | Fe | Ni | Zn | Cyanide | AIC PROPOSAL NO: |  |                                  |  |
| Project Manager: <u>Teresa Melton</u>   |                       |                     | WATER                             | SOIL | Carrier: <u>FedEx</u>            |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Sampled By: <u>Eddie Little</u>   |                       |                     |                                   |      | GRAB                             | COMP               | Received on Ice (4°C)?           |    |                                |    |    |    |         |                  |  |                                  |  |
| AIC No.   | Sample Identification | Date/Time Collected | YES                               | NO   |                                  |                    | Remarks <u>4.3°C</u>             |    |                                |    |    |    |         |                  |  |                                  |  |
| 1   | 10906                 | 4/25/17 2pm         |                                   |      | Steel                            |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| 2   | 72635                 | 4/25/17 2pm         | Steel                             |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Field pH calibration on _____ @ _____   |                       |                     | Buffer:                           |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Container Type  |                       |                     | Preservative                      |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| G = Glass   |                       |                     | P = Plastic                       |      | V = VOA vials                    |                    | H = HCl to pH2                   |    | T = Sodium Thiosulfate         |    |    |    |         |                  |  |                                  |  |
| NO = none   |                       |                     | S = Sulfuric acid pH2             |      | N = Nitric acid pH2              |                    | B = NaOH to pH12                 |    | Z = Zinc acetate               |    |    |    |         |                  |  |                                  |  |
| Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN _____ DAYS |                       |                     | Relinquished By: <u>T. Melton</u> |      | Date/Time: <u>4/25/17 4:02pm</u> |                    | Received By:                     |    | Date/Time                      |    |    |    |         |                  |  |                                  |  |
| Expedited results requested by: _____   |                       |                     | Relinquished By:                  |      | Date/Time                        |                    | Received in Lab By: <u>D. BR</u> |    | Date/Time: <u>4-27-17 0845</u> |    |    |    |         |                  |  |                                  |  |
| Who should AIC contact with questions: <u>Teresa Melton</u>                         |                       |                     | Comments:                         |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Phone: <u>870-450-1822</u> Fax: _____   |                       |                     |                                   |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Report Attention to: <u>Teresa Melton</u>   |                       |                     |                                   |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |
| Report Address to: <u>TMelton@Amerimax.com</u>                                      |                       |                     |                                   |      |                                  |                    |                                  |    |                                |    |    |    |         |                  |  |                                  |  |

7789 8990 4598

5/01 Received 4/25/17 2pm

Euramax Flows and Rates for the Period

Number of days in period: 21 days galvanized  
91 Aluminum

Total flow(gal/day): 1,178.048 galvanized  
1,855.73 aluminum

Maximum flow rate(gal/day): 7,069 gallons of wastewater per day

Production rate (ft<sup>2</sup>): 119,034,965 million ft<sup>2</sup> Aluminum  
5,097,472 million ft<sup>2</sup> galvanized

Allowable Limits per Day and per Period

465.25 Pretreatment standards for the Galvanized waste stream

| PSNS      |             |                 |
|-----------|-------------|-----------------|
| Pollutant | One Day Max | Monthly Avg Max |
| Chromium  | .027        | .011            |
| Copper    | .090        | .043            |
| Cyanide   | .015        | .006            |
| Zinc      | .072        | .030            |
|           |             |                 |

Total Reported production 5,097,472 ft<sup>2</sup>

Production Per Day: .2427 million ft<sup>2</sup> /day

| Pollutant | One Day Maximum (lb) | Monthly Average Maximum (lb) |
|-----------|----------------------|------------------------------|
| Chromium  | .0065                | .002669                      |
| Copper    | .0218                | .010                         |
| Cyanide   | .0036                | .00145                       |
| Zinc      | .01747               | .0072                        |

Flow reported during the period per day=

24739 gal / 21 days= 1,178.047 gals day

.001178 million gal/day

.001178 X 8.34 lb= .00982 ( pounds

.2427 million ft<sup>2</sup> / produced per day divided by .00982= 24.7148

| Pollutant | One Day Maximum (mg/L) | Monthly Average Maximum (mg/L) |
|-----------|------------------------|--------------------------------|
| Chromium  | .6672                  | .2718                          |
| Copper    | 2.22                   | 1.0627                         |
| Cyanide   | .37                    | .1482                          |
| Zinc      | 1.779                  | .7414                          |
|           |                        |                                |

465.35 Pretreatment standards for the Aluminum waste stream:

| PSNS      |                 |                         |
|-----------|-----------------|-------------------------|
| Pollutant | One Day Maximum | Monthly Average Maximum |
| Chromium  | .037            | .015                    |
| Cyanide   | .020            | .008                    |
| Zinc      | .100            | .041                    |
|           |                 |                         |

Total Production : 119,034,965 ft<sup>2</sup>

Production per day: 1.308 million ft<sup>2</sup> /day

| Pollutant | One Day Maximum (lb) | Monthly Average Maximum (lb) |
|-----------|----------------------|------------------------------|
| Chromium  | .048                 | .01962                       |
| Cyanide   | .026                 | .0104                        |
| Zinc      | .1308                | .0536                        |

Flow reported during the period per day=

168872 gal / 91 production days = 1,855.736 gals day

.001855 million gal/day

.001855 X 8.34 lb= .01547 ( pounds per day)

1.308million ft<sup>2</sup> / produced per day divided by .01547=84.5507

| Pollutant | One Day Maximum (mg/L) | Monthly Average Maximum (mg/L) |
|-----------|------------------------|--------------------------------|
| Chromium  | 3.128                  | 1.268                          |
| Cyanide   | 1.691                  | .676                           |
| Zinc      | 8.455                  | 3.4665                         |

### **Measured Pollutants vs. Concentration Limits**

|                       |    | Concentration (mg/L) |                  |                         |                          |
|-----------------------|----|----------------------|------------------|-------------------------|--------------------------|
|                       |    | One Day Maximum      | Maximum Measured | Monthly Average Maximum | Monthly Average Measured |
| Galvanized CFR 465.25 | Cr | .6672                | <.007            | .2718                   | <.007                    |
|                       | Cu | 2.22                 | <.006            | 1.0627                  | <.006                    |
|                       | CN | .37                  | <.01             | .1482                   | <.01                     |
| Aluminum CFR 465.35   | Zn | 1.779                | .35              | .7414                   | .35                      |
|                       | Cr | 3.128                | .025             | 1.268                   | .025                     |
|                       | CN | 1.691                | <.01             | .676                    | <.01                     |
|                       | Zn | 8.455                | .21              | 3.4665                  | .21                      |