

## Gage, Hannah

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**From:** Gilliam, Allen  
**Sent:** Friday, June 03, 2016 2:03 PM  
**To:** colleen tuggle  
**Cc:** Gage, Hannah; Leamons, Bryan; magnolia russell thomas; Bernie K. Finch  
**Subject:** AR0043613\_Southern Aluminums ARP001059 June 2016 semi annual Pretreatment report\_20160603  
**Attachments:** doc21665320160603125241.pdf

Colleen,

Southern Aluminum's June 2016 semi-annual Pretreatment report was received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing Pretreatment standards in 40 CFR 433.17.

There are no further actions deemed necessary at this time.

Thank you for your timely report.

Sincerely,

Allen Gilliam  
ADEQ State Pretreatment Coordinator  
501.682.0625

Ec: Russell Thomas, Magnolia Wastewater Manager  
Bernie Finch, Finch Environmental

E/NPDES/NPDES/Pretreatment/Reports

BZJR6

**Finch Environmental, PLC**

9 Heritage Park Circle  
North Little Rock, Arkansas 72116-8528

*Municipal and Industrial  
NPDES Storm Water  
Pollution Prevention Plans  
Control Plans Environmental Permitting  
Reporting Hazardous Waste  
Pretreatment*

5/31/2016

Mr. Allen Gilliam  
Pretreatment Coordinator  
Water Division  
ADEQ  
5301 Northshore Drive  
North Little Rock, AR 72118

RECEIVED  
JUN 3 2016  
16 209 TW

Re: Southern Aluminum Company, Inc., Pretreatment Tracking Number ARP001059

Dear Mr. Gilliam,

On behalf of Southern Aluminum Company, please accept this attached Semi-Annual Report. Also included with this submittal is the laboratory analytical results and chain of custody form.

Please accept this submittal and contact me with questions.

Thank you.

Sincerely,

B. K. F.

Bernie K. Finch  
Finch Environmental, PLC

Attachment

Cc (w/attachments)  
Russell Thomas, City of Magnolia

Cc/(w/ attachments)  
Colleen Tuggle, Southern Aluminum Company

RECEIVED  
JUN 3 2016  
MAGNOLIA

**SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433**

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

Attn: Water Div/NPDES Pretreatment

**(1) IDENTIFYING INFORMATION**

**A. LEGAL NAME & MAILING ADDRESS**

**Southern Aluminum  
P.O. Box 884  
Magnolia, AR 71754**

**B. FACILITY & LOCATION ADDRESS**

**Southern Aluminum  
5 Highway 82 West  
Magnolia, AR 71753**

**C. FACILITY CONTACT:** Colleen Tuggle      **TELEPHONE NUMBER:** 870.234.8660      **e-mail:** tuggle@southernaluminum.com

**(2) REPORTING PERIOD--FISCAL YEAR 2016 (Both Semi-Annual Reports must cover Fiscal Year)**

**A. MONTHS WHICH REPORTS ARE DUE**

**July and December for each semi-annual reporting period.**

**B. PERIODS COVERED BY THIS REPORT**

**FROM: January 1, 2016      TO: June 30, 2016**

**(3) DESCRIPTION OF OPERATION**

**A. REGULATED PROCESSES**

**CORE PROCESS(ES)**

CHECK EACH APPLICABLE BLOCK

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

**ANCILLARY PROCESS(ES)\***

LIST BELOW EACH PROCESS USED IN THE FACILITY

- Coating** \_\_\_\_\_
- Cleaning** \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**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.

**None .**

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

**C. Number of Regular Employees at this Facility** 135

**D. [Reserved]**

**(4) FLOW MEASUREMENT****INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY**

Process	Average	Maximum	Type of
Regulated (Core & Ancillary)	See note below	See note below	2882
Regulated (Cyanide)	0	0	N/A
' 403.6(e) Unregulated'	0	0	N/A
' 403.6(e) Dilute	0	0	N/A
Cooling Water**	0	0	N/A
Sanitary**	0	0	N/A
Total Flow to POTW	See note below	See note below	2882

\*\*8" Unregulated" has a precise legal meaning; see 40CFR403.6(e).

\*\*Indicate if these Streams commingle with Regulated Streams BEFORE treatment

**(5) MEASUREMENT OF POLLUTANTS**

A. TYPE OF TREATMENT SYSTEM

B. COMMENTS ON TREATMENT SYSTEM

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

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO'
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	0.001	0.001	0.025	0.0005	0.020	0.0005	1.089	0.0187	N/A
Ave Measured	0.001	0.001	0.025	0.0005	0.020	0.0005	1.089	0.0187	--

Sample Location Flow-weighted composite samples taken of wash tank and rinse tank contributions commingled prior to discharge to municipal collection system. Dip tank did not discharge during the period 01-01-2016 through 06-30-2016.

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency One (1) sample collected 04-21-2016


40 CFR 136 Preservation and Analytical Methods Use:  Yes  No

Indicate Combined Wastestream Factor if Dilution Streams Exist w/Regulated Streams N/A

**(6) CERTIFICATION**


A. Required under 40 CFR 403.12(g)

I certify under penalty of law that 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.

Allison Schultz   
(Typed Name)  
Chief Operating Officer  
(Corporate Officer or authorized representative)

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

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

Allison Schultz   
(Typed Name)  
Chief Operating Officer  
(Corporate Officer or authorized representative)  
Date of Signature 3/16

Intentionally left blank

*'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: None**

**(8) GENERAL COMMENTS**

**Flow (Discharge)**

**Southern Aluminum batch discharges to the City of Magnolia POTW in the following manner:**

**Rinse Tank (Capacity: 832 gallons)**

**Wash Tank (Capacity: 2050 gallons)**

**Dip Tank (Capacity: 1000 gallons)\***

**\* Dip Tank did not discharge during the period beginning 01-01-2016 and ending 06-30-2016**

**(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 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.

Allison Schultz  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

  
SIGNATURE

Chief Operating Officer  
OFFICIAL TITLE

  
DATE SIGNED





# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1604010619  
 Customer Name : SOUTHERN ALUMINUM CO., INC.  
 Customer Number : 2754  
 Report Date : 05/02/16

Sample Date : 04/21/16  
 Sample Time : 1348  
 Sample Type : GRAB WATER  
 Sample From : UNKNOWN

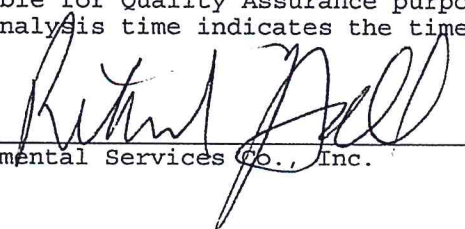
Collected By: JF  
 Delivery By : UPS  
 Work Order :  
 Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
04/25	1300	NTR	Cyanide Total (as CN)	0.0187 mg/L		SM 1999 4500-CN E	1.08	93.6
04/21	1348	JF	pH	6.4 S.U.		SM 2000 4500-H+B		
04/26	1243	RAH	Chromium	< 1.00 ug/L		EPA 200.8	0.27	105.1 *
04/26	1243	RAH	Nickel	20.00 ug/L		EPA 200.8	0.61	108.2 *
04/26	1243	RAH	Copper	25.00 ug/L		EPA 200.8	0.76	108.6 *
04/26	1243	RAH	Zinc	1089.00 ug/L		EPA 200.8	0.80	120.4 *
04/26	1243	RAH	Silver	< 0.5 ug/L		EPA 200.8	3.47	106.7 *
04/26	1243	RAH	Cadmium	1.00 ug/L		EPA 200.8	0.59	114.2 *
04/26	1243	RAH	Lead	< 0.50 ug/L		EPA 200.8	3.30	105.6 *

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

  
 Environmental Services Co., Inc.