

Wilson, Tabatha

From: Gilliam, Allen
Sent: Wednesday, July 02, 2014 3:08 PM
To: Colleen Tuggle (ctuggle@southernaluminum.com); Leon Ryan (lryan@southernaluminum.com)
Cc: Fuller, Kim; Wilson, Tabatha; magnolia russell thomas
Subject: AR0043613_Southern Aluminums ARP001059 June 2014 semi annual Pretreatment report with ADEQ reply_20140701
Attachments: Southern Aluminums June 2014 Semi annual Report.pdf

Leon and/or Colleen,

Southern Aluminum's June 2014 semi-annual Pretreatment report (attached) was received on 7/1/14, reviewed, deemed complete and compliant with the Pretreatment reporting requirements in 40 CFR 403.12(e) and more specifically compliant with the Metal Finishing standards in 40 CFR 433.17. There is no further action necessary at this time.

Thank you for the report remaining compliant with the Federal Pretreatment Requirements in 40 CFR 403.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

Ec: Russell Thomas, Magnolia Wastewater Manager
Bernie Finch, Finch Environmental – Consultant to Southern Aluminum

E/NPDES/NPDES/Pretreatment/Reports

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*

6/30/2014

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

Re: Southern Aluminum, Pretreatment Tracking Number ARP001059

Dear Mr. Gilliam,

Please accept the following document and supporting attachments for the referenced facility located in Magnolia, Arkansas.

In this submittal you will find the following items:

1. Semi-Annual Report for Industrial Users Regulated by 40 CFR 433;
2. The results of a sample of the regulated waste streams analyzed for Metals and Cyanide;

Analytical results of the sample taken on 06/12/2014 indicated no excursions of the daily maximum or monthly average pretreatment standards for new sources (PSNS) for metals and Cyanide.

Additionally, pH was analyzed and found to be 6.8 s.u. Southern Aluminum continues to analyze pH each time a batch discharge occurs from any regulated source and log this value.

As required by regulations the City of Magnolia is being provided a copy of this communication and supporting documentation.

Please accept this information and contact me with questions.

Thank you.

Sincerely,



Bernie K. Finch
Finch Environmental, PLC

Attachments

Cc Colleen Tuggle, Southern Aluminum (w/attachments)
Russell Thomas, City of Magnolia (w/attachments)

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 2013 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

July and January for each semi-annual reporting period.

B. PERIODS COVERED BY THIS REPORT

FROM: January 1, 2014 **TO:** June 30, 2014

(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
- _____
- _____
- _____
- _____

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

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 .

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

*"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	0.0037	0.0024	0.012	0.0017	0.0053	0.003	0.565	0.01	N/A
Ave Measured	0.0037	0.0024	0.012	0.0017	0.0053	0.003	0.565	0.01	--

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 01-01-2014 through 06-30-2014.

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency One (1) sample collected 06-12-2014

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.

Leon M. Ryan Leon Ryan
(Typed Name)
Vice President/General Manager
(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.

Leon M. Ryan Leon Ryan
(Typed Name)
Vice President, General Manager
(Corporate Officer or authorized representative)
Date of Signature 6 26 14

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'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)*

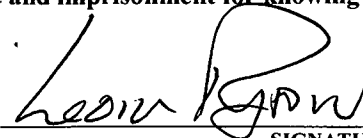
* Dip Tank did not discharge during the period beginning 01-01-2014 and ending 06-30-2014

(9) SIGNATORY REQUIREMENTS [40CFR403.12(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.

Leon M. Ryan
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Vice President/General Manager
OFFICIAL TITLE


SIGNATURE

6-26-14
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: 1406010450
 Customer Name: SOUTHERN ALUMINUM CO., INC.
 Customer Number: 2754
 Report Date: 06/24/14

Sample Date: 06/12/14
 Sample Time: 1350
 Sample Type: GRAB WATER
 Sample From:

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

Laboratory Analysis

43217 PSNS

Analysis			Result	Notes	Quantity	Method
Date	Time	By	Parameter			
06/17	1400	NTR	Cyanide Total (as CN)	< 0.0100 mg/L	<i>0.65</i>	SM 1999 4500-CN E
06/20	1155	RAH	Chromium	2.40 ug/L	<i>70</i>	EPA 200.8
06/20	1155	RAH	Nickel	5.30 ug/L	<i>2380</i>	EPA 200.8
06/20	1155	RAH	Copper	12.00 ug/L	<i>2070</i>	EPA 200.8
06/20	1155	RAH	Zinc	565.00 ug/L	<i>1480</i>	EPA 200.8
06/20	1155	RAH	Silver	3.00 ug/L	<i>240</i>	EPA 200.8
06/20	1155	RAH	Cadmium	3.70 ug/L	<i>170</i>	EPA 200.8
06/20	1155	RAH	Lead	1.70 ug/L	<i>430</i>	EPA 200.8

Quality Assurance

Precision	Accuracy
% RPD	% Recovery
2.55	93.0 *
0.54	101.3 *
1.48	103.9 *
0.60	102.0 *
1.06	97.0 *
2.50	104.8 *
0.32	107.4 *
3.93	99.6 *

PH: 6.8 su

* 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.

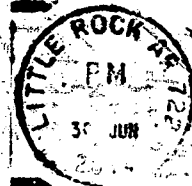
Signature _____

[Handwritten Signature]
 Environmental Services Co., Inc.

Finch Environmental, PLC

9 Heritage Park Circle

North Little Rock, AR 72116



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

7211845317 1015

