

Wilson, Tabatha

From: Gilliam, Allen
Sent: Wednesday, December 04, 2013 3:59 PM
To: Colleen Tuggle (ctuggle@southernaluminum.com); Leon Ryan (lryan@southernaluminum.com)
Cc: Fuller, Kim; Wilson, Tabatha; Bernie K. Finch; magnolia russell thomas
Subject: AR0043613_Southern Aluminum ARP001059 Nov 2013 Zinc periodic report and ADEQ reply_20131204
Attachments: Southern Aluminums Nov 2013 Zn Analysis.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Colleen,

Your latest Zinc periodic compliance report was sent via Finch Environmental and received on 12/4/13. The analysis of the sample taken on 11/11/13 indicated an elevated Zinc level, but below the monthly average Metal Finishing standard in 40 CFR 433.17.

As per the agreement between the City (Russell Thomas), Southern Aluminum (SA) and this office back in October of this year, SA may return to semi-annual reporting for all 40 CFR 433 (Metal Finishing) parameters after submittal of the remaining zinc analysis for the end of November through December remaining on the once/2 week batch discharge schedule.

This agreement holds only if SA's Zinc levels remain in compliance with the Metal Finishing "Monthly average shall not exceed" Zinc limit of 1.48 mg/l.

As mentioned before, Mr. Thomas requires a 48 hour notice prior to any batch discharge.

If there is a conflict of this "once/2 week" batch discharge through the holidays, please advise.

Thank you for your time and cooperation in this "returning to compliance" endeavor.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Russell Thomas, City of Magnolia Wastewater Manager
Bernie Finch, Finch Environmental, PLC

E/NPDES/NPDES/Pretreatment/Reports

C DKT9
AE

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

12/2/2013

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

DEC 4 2013

For compliance monitoring only. OK AB 11913 TW

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

Dear Mr. Gilliam,

On behalf of Southern Aluminum Company, please accept this attached "Periodic Report" form as requested. 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,

BK F

Bernie K. Finch
Finch Environmental, PLC

Attachment

Cc Russell Thomas, City of 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	
<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Southern Aluminum P.O. Box 884 Magnolia, AR 71754</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Southern Aluminum 5 Highway 82 West Magnolia, AR 71753</p>
<p>C. FACILITY CONTACT: Colleen Tuggle ctuggle@southernaluminum.com</p> <p>TELEPHONE NUMBER: 870.234.8660 e-mail:</p>	

(2) REPORTING PERIOD	
<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p><u>*This is a Periodic Batch Report</u></p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: November 11, 2013 TO: November 11, 2013</p>

(3) DESCRIPTION OF OPERATION	
<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><input checked="" type="checkbox"/> Electroplating <input checked="" type="checkbox"/> Electroless Plating <input checked="" type="checkbox"/> Anodizing <input type="checkbox"/> Coating <input checked="" type="checkbox"/> Chemical Etching and Milling <input checked="" type="checkbox"/> Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>Coating</u> _____</p> <p><u>Cleaning</u> _____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<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.</p>

<p>C. Number of Regular Employees at this Facility 135</p>	<p>D. [Reserved]</p>
--	-----------------------------

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

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
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

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	N/A	N/A	N/A	N/A	N/A	N/A	1.292	N/A	TOMP (N/A)
Ave Measured	N/A	N/A	N/A	N/A	N/A	N/A	1.292	N/A	TOMP (N/A)

Sample Location Sample taken at confluence of all regulated processes (Dip Tank, Wash Tank and Rinse Tank) immediately preceding discharge to municipal collection system. Dip tank was not discharged on 11-11-2013.

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected one (1) collected 11-11-2013;

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 Vice President/General Manager

(Typed Name)


(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 Vice President/General Manager

(Typed Name)


(Corporate Officer or authorized representative)

Date of Signature 11.27.13

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: Initial submittal of a Toxic Organic Management Plan (TOMP).

(8) GENERAL COMMENTS

Flow Calculations:

Southern Aluminum batch discharged on November 11, 2013.

2050 gallons from Wash Tank (core process)

+

832 gallons from Rinse Tank (ancillary process)

= 2882 gallons to the Magnolia municipal sewer system.

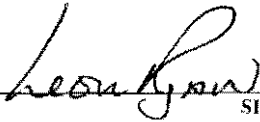
pH: 7.3 s.u.

(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.

Leon M. Ryan
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Vice President/General Manager
OFFICIAL TITLE


SIGNATURE

11-27-13
DATE SIGNED

Environmental Services Company, Inc.
 Corporate Office
 13715 West Markham P.O. Box 55146
 Little Rock, AR 72211 Little Rock, AR 72215
 website: www.esclabs.com



Environmental Services Company, Inc.
 Northwest Branch
 1107 Century
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information				Requested Parameters			
Company Name:		Southern Aluminum Co., Inc.		Permit/Project #:				Zinc, Total (74.ZN)			
Address:		#5 Hwy 82 West Magnolia, AR 71753		Purchase Order #:							
Telephone:		800-221-0408		Work Order #:							
Fax:		870-234-4665		Sampler Name(s):		JILL FARRAR Colleen Tuggle					
Contact:		Ms. Colleen Tuggle		and Signature(s):		Jill Farrar Colleen Tuggle					
ESC Client Number:		2754									
Sample Identification		Sample Collection				Sample Containers					
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	Zinc, Total (74.ZN)	
	1311010415	11-11-13	1:00	Grab	Water	Plastic	8 oz	HNO3 to pH <2*	1	X	
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:			
Jill Farrar		11-11-13	1:00pm	Cindy Strauss		11-12-13	10:12	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>			
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:			
Colleen Tuggle		11-11-13	1:00pm	Cindy Strauss				Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>			
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:			
Cindy Strauss		11-12-13	10:30	Richard Hall		11-12-13	10:30	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Comments:		Flow Data		Field Test		Time	Analyst	Result	Result	Units	
				pH: 7.3		1:50 pm					
				Reading:							
				Units:							
				Fecal Start:							
* Per 40 CFR 136.3 Table II Note 19, samples preserved in laboratory.								This Document is Page 1 of 1			

Directions