

API57

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

10/12/2012

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

*(Periodic Compliance report/summary completed
Made corrections to "results" page)
H*

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

Dear Mr. Gilliam,

Please accept this attached "Periodic Report" form as requested. In the future, all "Periodic" Reports will contain this signed, dated form.

Please accept this submittal and contact me with questions.

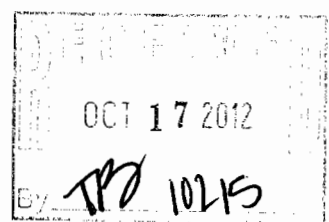
Thank you.

Sincerely,

BK-F

Bernie K. Finch
Finch Environmental, PLC

Attachment



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
ctuggle@southernaluminum.com

TELEPHONE NUMBER: 870.234.8660 e-mail:

(2) REPORTING PERIOD—FISCAL YEAR 2010 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

*This is a Periodic Batch Report

B. PERIOD COVERED BY THIS REPORT

FROM: September 17, 2012 TO: September 17, 2012

(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.

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

C. Number of Regular Employees at this Facility 135
135

D. [Reserved]

(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(c).

**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	N/A 20.01	N/A 0.01	N/A 2.14	N/A 2.005	N/A 1.18	N/A 2.005	ND	N/A 2.001	TOMP (N/A)
Ave Measured	N/A	N/A	N/A	N/A	N/A	N/A	ND	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 09-17-2012.

Sample Type (Grab or Composite) Grab

Number of Samples and Frequency Collected One (1) collected 09-17-2012;

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)

'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 September 17, 2012.

2050 gallons from Wash Tank (core process)

+

832 gallons from Rinse Tank (ancillary process)

= 2882 gallons to the Magnolia municipal sewer system.

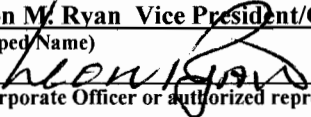
pH: 3.4 s.u.

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

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 10 4 12

Intentionally left blank

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 Leon Ryan
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

Leon Ryan
SIGNATURE

Vice President/General Manager
OFFICIAL TITLE

10 - 4 - 12
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: 1209010316
Customer Name : SOUTHERN ALUMINUM CO., INC.
Customer Number : 2754
Report Date : 09/27/12

Sample Date : 09/17/12
Sample Time : 1600
Sample Type : GRAB WATER
Sample From :

Collected By: LEON RYAN
Delivery By : UPS
Work Order :
Purchase Order :

Laboratory Analysis

Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Quality Assurance Accuracy % Recover
09/25	1230	NTR	Cyanide Total (as CN)	< 0.0100	mg/L		SM 18th 4500-CN E	1.22	97.6
09/17	1600	LR	pH	10.03	ug/L		SM 18 4500 H+B		
09/20	1834	NTR	Chromium	18.15	ug/L		EPA 200.8	5.95	88.4
09/20	1834	NTR	Nickel	14.16	ug/L		EPA 200.8	14.89	91.9
09/20	1834	NTR	Copper	< 1.00	ug/L		EPA 200.8	14.24	91.4
09/20	1834	NTR	Zinc	< 0.50	ug/L		EPA 200.8	17.58	89.9
09/20	1834	NTR	Silver	3.45	ug/L		EPA 200.8	3.09	70.1
09/20	1834	NTR	Cadmium	83.0	°F		EPA 200.8	2.16	91.2
09/17	1600	LR	Temperature (°F)	< 0.50	ug/L		SM 18th 2550B	5.97	109.6
09/20	1834	NTR	Lead				EPA 200.8		

* 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.



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

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

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 #:						
Address: #5 Hwy 82 West Magnolia, AR 71753			Purchase Order #:						
Telephone: 800-221-0408			Work Order #:						
Fax: 870-234-4665			Sampler Name(s):	LEON RYAN					
Contact: Ms. Colleen Tuggle			and Signature(s):	<i>Leon Ryan</i>					
ESC Client Number: 2754									
Sample Identification			Sample Collection				Sample Containers		
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#
	1209010314	9-17-12	4:00 pm	Grab	Water	Plastic	1 Liter	NaOH+Ascorbic	1
				Grab	Water	Plastic	1 Liter	none	1
				Grab	Water	Glass	1 Liter	HNO3 *	1
Relinquished By: (Signature and Printed Name) <i>Leon Ryan</i> Date 9-17-12 Time 4:00 Received By: (Signature and Printed Name) <i>Cindy Strauss</i> Date 9-18-12 Time 10:25 Relinquished By: (Signature and Printed Name) <i>Cindy Strauss</i> Date 9-18-12 Time 11:40 Received By: (Signature and Printed Name) <i>Richard Hill</i> Date 9-18-12 Time 11:40 Relinquished By: (Signature and Printed Name) <i>Richard Hill</i> Date 9-18-12 Time 11:40 Received By: (Signature and Printed Name) <i>Richard Hill</i> Date 9-18-12 Time 11:40									
All samples cooled to ≤ 6 deg C with ice.									
Comments: Cd(48.PS), Cr(24.PS), Cu(29.PS), Pb(82.PS), Ni(28.PS), Ag(47.PS), Zn(30.PS)									
Flow Data: Field Test: pH: 4:00 pm L poor 3.4 Analyt: Time: Reading: Units:									
* Per 40 CFR 136.3 Table II Note 19, samples preserved in laboratory.									
Chlorinated? Y N Fecal Start: This Document is Page 1 of 1									