

Henderson, Katie

From: Gilliam, Allen
Sent: Tuesday, June 26, 2012 8:15 AM
To: Henderson, Katie
Cc: Fuller, Kim
Subject: AR0034835_Mac Lean Fogg ARP001048 June 2012 Semi Annual Pretreatment Report Reply_20120625 AFIN 6100061
Attachments: Semi Annual Pretreatment Report.pdf; [Untitled].pdf

Katie,

Would you please make sure the below and attached gets downloaded to the e-drive for Kim (they just sent their chain of custody and lab results [second attachment] so I removed the request, Kim...) to transfer it to the g-drive?

And, I'm still not getting (some) copies of correspondence sent thru Kim/John that are mailed, then placed on the g-drive so I never know if/when they were sent out. Some of these are time sensitive so I need to know when they were mailed or if they're held up for some reason (Nashville's Pretreatment Ord's mods revisions/recommendations, latest example).

Allen g

From: Gilliam, Allen
Sent: Monday, June 25, 2012 3:26 PM
To: sthielemier@macleanfogg.com
Cc: 'JCorty@macleanfogg.com'; pocawater@suddenlinkmail.com; Henderson, Katie
Subject: AR0034835_Mac Lean Fogg ARP001048 June 2012 Semi Annual Pretreatment Report Reply_20120625 AFIN 6100061

Steve,

Your June 2012 semi-annual Pretreatment Report was received, reviewed, deemed complete and compliant with the Federal Pretreatment Regulations in 40 CFR 403, more specifically with the Metal Finishing limitations in 40 CFR 433.17.

There is no further action deemed necessary at this time.

Thank you for your timely report remaining compliant with the Federal Pretreatment Regulations and once again, thank you for providing the combined wastestream calculations (per 40 CFR 403.6) taking into account your dilution streams.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: William McDaniel, Pocahontas Wastewater Plant Manager

From: Thielemier, Steve [<mailto:SThielemier@macleanfogg.com>]
Sent: Friday, June 22, 2012 11:13 AM
To: Gilliam, Allen
Cc: Corty, James J.
Subject: Semi-annual report

Allen this is the pretreatment report for January to June 2012 if you see any problems please let me know.

Thank you Steve



Steve Thielemier | Maintenance Supervisor
MacLean-ESNA
611 Country Club Road, Ar 72455 | ([Map](#))
Office +1 870-892-4761 |
www.macleanfoggcs.com

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Attn: Water Div/NPDES Pretreatment

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

(1) IDENTIFYING INFORMATION	
<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Mac-Lean ESNA 611 County Club Road Pocahontas, AR 72455</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Mac-Lean ESNA 611 County Club Road Pocahontas, AR 72455</p>
<p>C. FACILITY CONTACT: Jim Corty TELEPHONE NUMBER: 870-892-4719 e-mail: jcorty@macleanfogg.com</p>	
(2) REPORTING PERIOD--FISCAL YEAR From 2011 to 2011 (Both Semi-Annual Reports must cover Fiscal Year)	
<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p style="text-align: center;"><u>June & December</u></p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: <u>January 2012</u> TO: <u>June 2012</u></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 type="checkbox"/> Electroplating <input type="checkbox"/> Electroless Plating <input type="checkbox"/> Anodizing <input checked="" type="checkbox"/> Coating <input type="checkbox"/> Chemical Etching and Milling <input 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>Rust Removal</u></p> <p><u>Passive Rinse Tank</u></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p><small>SEE 40CFR433 10(a) FOR 40 DIFFERENT OPERATIONS</small></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 style="text-align: center; font-size: 1.2em;">None</p>
<p>C. Number of Regular Employees at this Facility: 75</p>	<p>D. [Reserved]</p>

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Ancillary)	2372	2745	Continuous
Regulated (Cyanide)	0	0	N/A
' 403.6(e) Unregulated*	0	0	N/A
' 403.6(e) Dilute**	2	2	Continuous
Cooling Water**	1826	2114	Continuous
Sanitary	2102	2844	Continuous
Total Flow to POTW	6302	7705	*****

*"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	.390	1.565	1.910	.390	2.249	0.243	1.475	0.678	1.204
Monthly Ave	0.147	0.966	1.170	0.243	1.345	0.136	0.836	0.367	--
Max Measured	0.0069	0.034	0.13	<0.04	0.24	< 0.007	0.088	< 0.01	TOMP
Ave Measured	0.0069	0.034	0.13	<0.04	0.24	< 0.007	0.088	< 0.01	TOMP

Sample Location: Pretreatment system effluent

Sample Type (Grab or Composite): Grab / Composite

Number of Samples and Frequency Collected: One-Semi annually

40 CFR 136 Preservation and Analytical Methods Use: Yes No

Indicate Combined Wastestream Factor if Dilution Streams Exist w/Regulated Streams 0.565

(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.

Dave Merwitz

(Typed Name)

D.M. - J
(Corporate Officer or authorized representative)

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

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TIO), 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.

Dave Merwitz

(Typed Name)

D.M. - J
(Corporate Officer or authorized representative)

Date of Signature

6-21-12

Intentionally left blank

(7) POLLUTION PREVENTION ACT OF 1990 142 U.S.C. 13101 et seq.

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:

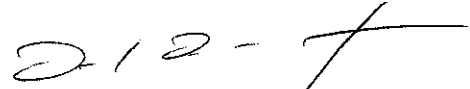
(8) GENERAL COMMENTS

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

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.

Dave Merwitz

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE



SIGNATURE

General Manager

OFFICIAL TITLE

6-21-12

DATE SIGNED

Date 6/15/2012

Wastestream Factor Formula

Total process flow out to city = Total regulated + total dilute flow

Combined average wastestream factor is total regulated divided by total process flow to city

Total regulated		Total process flow to city		Wastestream factor
2372	divided by	4200	=	0.565



MacLean ESNA
ATTN: Mr. Steve Thielemier
611 Country Club Road
Pocahontas, AR 72455

This report contains the analytical results and supporting information for samples submitted on May 31, 2012. 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 Laboratory Director or a qualified designee.

A handwritten signature in cursive script that reads 'Steve Bradford'.

Steve Bradford
Deputy Laboratory Director



MacLean ESNA
611 Country Club Road
Pocahontas, AR 72455

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on May 31, 2012
P.O. No. 23492

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>
158164-1	001 5-30-12 8:00am	30-May-2012 0800	
158164-2	001 5-29-12 10:02am	5-30-12 10:02am	

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", 20th edition, 1998.
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

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Pocahontas, AR 72455

ANALYTICAL RESULTS

AIC No. 158164-1
Sample Identification: 001 5-30-12 8:00am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Cyanide SM4500-CN C,E	< 0.01	0.01	mg/l	
Prep: 31-May-2012 1042 by 306	Analyzed: 01-Jun-2012 0853 by 306		Batch: W39991	

AIC No. 158164-2
Sample Identification: 001 5-29-12 10:02am 5-30-12 10:02am

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Cadmium EPA 200.7	0.0069	0.004	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Chromium EPA 200.7	0.034	0.007	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Copper EPA 200.7	0.13	0.006	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Lead EPA 200.7	< 0.04	0.04	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Nickel EPA 200.7	0.24	0.01	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Silver EPA 200.7	< 0.007	0.007	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	
Zinc EPA 200.7	0.088	0.002	mg/l	
Prep: 04-Jun-2012 1128 by 100	Analyzed: 05-Jun-2012 1730 by 297		Batch: S32535	

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Pocahontas, AR 72455

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	90.9	85.0-115			W39991	31May12 0828 by 306	01Jun12 0840 by 306		
Cadmium	5 mg/l	91.0	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Chromium	0.5 mg/l	92.3	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Copper	0.5 mg/l	92.2	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Lead	5 mg/l	91.2	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Nickel	0.5 mg/l	93.9	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Silver	0.1 mg/l	88.1	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		
Zinc	0.5 mg/l	91.3	85.0-115			S32535	04Jun12 1128 by 100	05Jun12 1652 by 297		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	158125-2	0.1 mg/l	87.8	75.0-125	W39991	31May12 0828 by 306	01Jun12 0844 by 306		
	158125-2	0.1 mg/l	85.7	75.0-125	W39991	31May12 0828 by 306	01Jun12 0910 by 306		
	Relative Percent Difference:		2.37	20.0	W39991				
Cadmium	158128-1	5 mg/l	87.3	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	5 mg/l	88.8	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		1.67	20.0	S32535				
Chromium	158128-1	0.5 mg/l	91.2	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	0.5 mg/l	92.2	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		1.10	20.0	S32535				
Copper	158128-1	0.5 mg/l	87.7	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	0.5 mg/l	89.1	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		1.53	20.0	S32535				
Lead	158128-1	5 mg/l	88.8	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	5 mg/l	89.1	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		0.250	20.0	S32535				
Nickel	158128-1	0.5 mg/l	90.2	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	0.5 mg/l	90.3	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		0.152	20.0	S32535				
Silver	158128-1	0.1 mg/l	92.6	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	0.1 mg/l	90.0	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		2.84	20.0	S32535				
Zinc	158128-1	0.5 mg/l	92.0	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1655 by 297		
	158128-1	0.5 mg/l	90.9	75.0-125	S32535	04Jun12 1128 by 100	05Jun12 1658 by 297		
	Relative Percent Difference:		0.743	20.0	S32535				



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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	W39991-1	31May12 0828 by 306	01Jun12 0838 by 306	
Cadmium	< 0.004 mg/l	0.004	0.004	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Chromium	< 0.007 mg/l	0.007	0.007	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Copper	< 0.006 mg/l	0.006	0.006	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Lead	< 0.04 mg/l	0.04	0.04	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Nickel	< 0.01 mg/l	0.01	0.01	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Silver	< 0.007 mg/l	0.007	0.007	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	
Zinc	< 0.002 mg/l	0.002	0.002	S32535-1	04Jun12 1128 by 100	05Jun12 1649 by 297	

