



# MACLEAN-ESNA

Shipping Order #:

4427

611 Country Club Road  
Pocahontas, Arkansas 72455

(870) 892-5201

Sold To  
 ARKANSAS DEPT OF ENVIRONMENTAL QUALITY  
 5301 NORTSHORE DRIVE  
 NORTH LITTLE ROCK AR. 72118-53

Ship To  
 ARKANSAS DEPT OF ENVIRONMENTAL QUALITY  
 5301 NORTSHORE DRIVE  
 NORTH LITTLE ROCK AR. 72118-53

Terms: FOB: Carrier: UPS RED PO#: Date 12/1/2008  Collect  Prepaid

| Ordered | Shipped | ItemNumber | Description                           | Shop Order |
|---------|---------|------------|---------------------------------------|------------|
|         | 1       |            | SEMI-ANNUAL PRETREATMENT REPORT (BMR) |            |

*64186*

DEC - 4 2008

*MH*

IT IS UNDERSTOOD AND AGREED THAT CONSIGNEE ACCEPTS THE MATERIALS OR ARTICLES LISTED ABOVE SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN AND IN THE RELATED PURCHASE ORDER  
 IMPORTANT - Unless notified by consignee of any errors in quantities within 3 days after receipt, our count will be considered as final and concl  
 All materials or articles shipped for processing, repair or construction work, unless charged to consignee, will be deemed to be held by consignee as upon consignment, and consignee agrees to pay for all articles or materials not satisfactorily accounted for.

|                                      |                    |            |                               |           |
|--------------------------------------|--------------------|------------|-------------------------------|-----------|
| DateOfShipment<br>12/1/2008          | NumberOfContainers | Weight     | ShippingDept:<br>BARBARA MAIN | CheckedBy |
| ReleasingDept<br>STEVE T JEFF ORRICK | Class              | ReceivedBy |                               |           |

*Barbara Main*

Signature

*12-1-8*

Date

# SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433/403.6(e)

Use of this form is not an EPA/ADEQ requirement. Attn: Water Div/NPDES Pretreatment

| (1) IDENTIFYING INFORMATION   |   |
|---|---|
| A. LEGAL NAME & MAILING ADDRESS<br><br>Mac-Lean ESNA<br>611 Country Club Road<br>Pocahontas, AR 72455   | B. FACILITY & LOCATION ADDRESS<br><br>Mac-Lean ESNA<br>611 Country Club Road<br>Pocahontas, AR 72455  |
| C. FACILITY CONTACT: Jeff Orrick  | TELEPHONE NUMBER: 870-892-5201 ext. 248   |
| (2) REPORTING PERIOD--FISCAL YEAR From 2008 to 2008 (Both Semi-Annual Reports must cover Fiscal Year)   |   |
| A. MONTHS WHICH REPORTS ARE DUE<br><br>June & December  | B. PERIOD COVERED BY THIS REPORT<br><br>FROM: July 2008 TO: December 2008   |
| (3) DESCRIPTION OF OPERATION  |   |
| A. REGULATED PROCESSES<br><br><u>CORE PROCESS(ES)</u><br><br>CHECK EACH APPLICABLE BLOCK<br><br><input type="checkbox"/> Electroplating<br><input type="checkbox"/> Electroless Plating<br><input type="checkbox"/> Anodizing<br><input checked="" type="checkbox"/> Coating<br><input type="checkbox"/> Chemical Etching and Milling<br><input type="checkbox"/> Printed Circuit Board Manufacture<br><br><u>ANCILLARY PROCESS(ES)*</u><br><br>LIST BELOW EACH PROCESS USED IN THE FACILITY<br><br><u>Rust Removal</u><br><br><u>Passive Rinse Tank</u><br><br>_____<br>_____<br>_____ | 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 |
| c. Number of regular employees at this facility: 81   |   |

**40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Mac-Lean ESNA**

**(4) FLOW MEASUREMENT**

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY (GPD)

| Process                | Average Flow | Maximum Flow | Type of Discharge |
|------------------------|--------------|--------------|-------------------|
| Regulated (Total)      | 3,520        | 9,234        | Continuous        |
| Regulated (Cyanide)    | -0-          | -0-          | n/a               |
| §403.6(e) Unregulated* | -0-          | -0-          | n/a               |
| §403.6(e) Dilute       | 5            | 5            | Continuous        |
| Cooling Water          | 2,100        | 2,400        | Continuous        |
| Sanitary               | 6,300        | 7,600        | Continuous        |
| Total Flow to POTW     | 11, 925      | 19, 239      | *****             |

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

**(5) MEASUREMENT OF POLLUTANTS**

**A. TYPE OF TREATMENT SYSTEM**

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other Mechanical Aeration System
- None

**B. COMMENTS ON TREATMENT SYSTEM**

Mechanical aeration system followed by clarifier.

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*  |
|------------------|--------|-------|-------|-------|-------|--------|-------|-------|-------|
| MAC              | 0.390  | 1.565 | 1.910 | 0.390 | 2.249 | 0.243  | 1.475 | 0.678 | 1.204 |
| AAC              | 0.147  | 0.966 | 1.170 | 0.243 | 1.345 | 0.136  | 0.836 | 0.367 | ***   |
| AMMC             | <0.004 | 0.014 | 0.052 | <0.04 | 0.047 | <0.007 | 0.22  | <0.01 | TOMP  |
| AMAC             | <0.004 | 0.014 | 0.052 | <0.04 | 0.047 | <0.007 | 0.22  | <0.01 | TOMP  |

MAC <=> Max Alternate Conc AAC <=> Ave Alternate Conc AMMC <=> Actual Measured Max Conc AMAC <=> Actual Measured Ave Conc  
See 40CFR403.6(e) for details on Alternate Concentrations

Sample Location Pre treatment system effluent

Sample Type (Grab or Composite) grab/composite

Number of Samples and Frequency Collected one/semi-annually

40CFR136 Preservation and Analytical Methods Use:  Yes  No

**(6) CERTIFICATION**

A. [Reserved]

[Reserved]

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

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.

CLIFF HUFSTEDLER  
(Typed Name)

*Cliff Hufsteler*  
(Corporate Officer or authorized representative)

Date of Signature 12/1/08

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS  
COUNTY OF RANDOLPH

Before me, the undersigned authority, on this day personally appeared CLIFF HUFSTEDLER of MACLEAN ESNA a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this 1st day of Dec, 2008

Notary Public in and for RANDOLPH  
County, Arkansas

My commission expires 5-3-2011

Cathy Sue Poe, Notary Public  
Randolph County, Arkansas  
My Commission Expires 5/3/2011  
*Cathy Sue Poe*  
12/1/08

**40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Mac-Lean ESNA**

§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(1)]**

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.

Cliff Hufstедler

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

  
SIGNATURE

Plant Manager

OFFICIAL TITLE

12/1/08

DATE SIGNED