From: Torrence, Rufus
Sent: Wednesday, October 10, 2012 8:32 AM
To: 'Jones Chuck'
Subject: ARP001040 AR0020605 AFIN 10-00102 Danfoss September 2012 Semi-Annual Report
Attachments: DFS Sep 2012.pdf

ADEQ
ARKANSAS
Department of Environmental Quality

October 9, 2012

Mr. Chuck Jones, EHS Manager
Danfoss LCC
One Scroll Drive
Arkadelphia, AR 71923

Re: Danfoss's September 2012 Semi-Annual Report
(Permit No. AR0020605 AFIN 10-00102)

Dear Mr. Jones:

The Department has reviewed Danfoss's September 2012 Semi-annual Pretreatment Report and the report is complete.

The Department appreciates Danfoss's continued efforts in semi-annual reporting.

If you have any questions or concerns, please contact the Department at (501) 682-0626 or by email at torrence@adeq.state.ar.us .

Sincerely,

Rufus Torrence

Rufus Torrence, Pretreatment Engineer
Water Division

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	B. FACILITY & LOCATION ADDRESS
Danfoss LCC One Scroll Drive Arkadelphia AR 71923	Danfoss LCC One Scroll Drive Arkadelphia AR 71923

C. FACILITY CONTACT: Chuck Jones TELEPHONE NUMBER: 870-246-0714

(2) REPORTING PERIOD--FISCAL YEAR From March 1 to Feb 28/29 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT
March _____ & September _____	FROM: 03/01/2012 TO: 9/01/2012

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- ☐ Electroplating
- ☐ Electroless Plating
- ☐ Anodizing
- ☒ Coating
- ☐ Chemical Etching and Milling
- ☐ Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Cleaning

Machining

Grinding

Painting

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.

SEP 2012 SAR
ARP 001040
AR0020605
AFIN 10-00102
Filed Date ~~2012 10 05~~ 20121008

Non-Pret City & Pret City IUs updated

C. Number of Regular Employees at this facility 230

D. [Reserved]

Recd by email on 10-05-2012 @ 2:01 pm

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: _____

(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)	18142	62300	Continuous
Regulated (Cyanide)	18142	62300	Continuous
§403.6(e) Unregulated*	0	0	N/A
§403.6(e) Dilute	50	1000	Batch
Cooling Water	0	0	Continuous
Sanitary	6100	10350	Continuous
Total Flow to POTW	24242	72650	**********

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

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

☐ Neutralization
X Chemical Precipitation and Sedimentation
☐ Chromium Reduction
☐ Cyanide Destruction
☐ Other _____
☐ None

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* ✓
MAC	0.108	2.731	3.332	0.68	3.924	0.424	2.573	1.183	2.1
AAC	0.069	1.686	2.041	0.424	2.346	0.237	1.459	0.641	***
AMMC	0.0045	.958000	.05880	.0108	.0946	.000100	.70400	.0130	1.000
AMAC	0.0010	.13430	.0177	.00241	.0479	.000009	.1506	.0052	0.1116

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 _____After Pre-Treatment_____

Sample Type (Grab or Composite)_____Composite_____

Number of Samples and Frequency Collected_____6 Sample @1 per month_____

40CFR136 Preservation and Analytical Methods Use: X 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.

_____
(Typed Name)

_____
(Corporate Officer or authorized representative)

Date of Signature _____

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, 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 _____ day of _____, 199__.

_____
Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 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:

We continue to use mechanical separation of oil and grease prior to pre-treatment.

(8) GENERAL COMMENTS

N/A

(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.

Paul Dean
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

General Manager
OFFICIAL TITLE

10-5-12
DATE SIGNED

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: _____

EFFLUENT SAMPLING December, 2011 THROUGH November 2012

ATTRIBUTE	CADMIUM	CHROME	COPPER	LEAD	NICKEL	SILVER	ZINC	CYANIDE	TTO	ARSENIC
12/7/2011	0.000100	0.000100	0.010600	0.000100	0.039500	0.000100	0.019500	0.013000	0.023000	0.000100
1/4/2012	0.003300	0.000100	0.016300	0.002410	0.089700	0.000100	0.076000	0.005000	0.020000	0.003500
2/1/2012	0.004500	0.778000	0.057800	0.006960	0.046000	0.000100	0.005000	0.000100	1.000000	0.007870
3/7/2012	0.000100	0.000100	0.058800	0.010800	0.043300	0.000100	0.077400	0.009000	0.046000	0.005200
4/11/2012	0.000100	0.000100	0.023400	0.000100	0.054800	0.000100	0.053400	0.000600	0.026000	0.009820
5/2/2012	0.000100	0.958000	0.017400	0.000100	0.081000	0.000100	0.235100	0.009000	0.005000	0.011700
6/6/2012	0.000100	0.000100	0.015200	0.000100	0.078800	0.000100	0.432000	0.011000	0.041000	0.004500
7/5/2012	0.000100	0.000100	0.015000	0.000100	0.094600	0.000100	0.704000	0.009000	0.246000	0.007400
8/1/2012	0.001080	0.001360	0.002090	0.000570	0.010700	0.000100	0.206500	0.000000	0.028000	0.000230
9/1/2012	0.004300	0.008000	0.014400	0.010200	0.085000	0.000100	0.150000	0.011000	0.016000	0.003300
10/1/2012	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11/1/2012	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
12/1/2012	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
AMMC MAXIMUM ug/L	0.004500	0.958000	0.058800	0.010800	0.094600	0.000100	0.704000	0.013000	1.000000	0.011700
AMAC AVERAGE ug/L	0.001060	0.134305	0.017768	0.002418	0.047954	0.000077	0.150685	0.005208	0.111615	0.004125

	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Maxium MAC	0.108000	2.731000	3.332000	0.680000	3.924000	0.424000	2.576000	1.183000	2.100000	
Maxium AAC	0.069000	1.686000	2.041000	0.424000	2.346000	0.237000	1.459000	0.641000	***	