

Gage, Hannah

From: Johnson, Lindsay
Sent: Tuesday, July 11, 2017 11:12 AM
To: 'Lisa Rotenberry'; Lambert Rickey D (rickey.lambert@danfoss.com)
Cc: Yates, Adam; Leamons, Bryan; McWilliams, Carrie; Gage, Hannah; 'dgreen@cityofarkadelphia.com'
Subject: AR0020605_Danfoss ARP001040 June 2017 quarterly Pretreatment report_20170711
Attachments: Danfoss_2017 June QR_20170630 (2).pdf

Rickey,

Danfoss' quarterly Pretreatment report was electronically received, reviewed, and deemed complete and compliant with 40 CFR 43.12(e) reporting requirements and with Metal Finishing standards in 40 CFR 433.17. No further action is deemed necessary at this time.

Best,

Lindsay Johnson
NPDES Staff Engineer
ADEQ-Office of Water Quality
(501)682-0045

From: Lisa Rotenberry [<mailto:lrotenberry@harborenv.com>]
Sent: Friday, June 30, 2017 2:18 PM
To: Johnson, Lindsay
Cc: Leamons, Bryan; McWilliams, Carrie; Yates, Adam; Gage, Hannah; 'dgreen@cityofarkadelphia.com'; Lambert Rickey D (rickey.lambert@danfoss.com)
Subject: Danfoss AFIN: 10-00102 AR0020605 Q2 2017 Pretreatment Report

Lindsey,

Please find attached the Q2 2017 Pretreatment report for Danfoss (AFIN 10-00102). Additionally, I have included Mr. Lambert's delegation of signatory authority.

Please let me know if you have any questions.

Have a great weekend.

Thank you,

Lisa Rotenberry, *Regional Environmental Director*
Harbor · C 501.772.0016 · Lrotenberry@harborenv.com



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SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # ARP001040

A. LEGAL NAME & MAILING ADDRESS

Danfoss, LLC
One Scroll Drive
Arkadelphia, AR 71923

B. FACILITY & LOCATION ADDRESS

Danfoss, LLC
One Scroll Drive
Arkadelphia, AR 71923

C. FACILITY CONTACT: Ricky Lambert

TELEPHONE NUMBER: 870-245-0132

e-mail: rickey.lambert@danfoss.com

(2) REPORTING PERIOD--FISCAL YEAR From 2017 to 2017 (Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE

March, June, September & December

B. PERIOD COVERED BY THIS REPORT

FROM: April 2017 TO: June 2017

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless Plating
- Anodizing
- Coating (conversion)
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

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.

June 2017 Quarterly Report
ARP001040
AR0020605
AFIN 10-00102
Filed Date 2017 06 30

C. Number of Regular Employees at this Facility 195

D. [Reserved]

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Anc)		31,000	Continuous
Regulated (Cyanide)	20,330	31,000	Continuous
' 403.6(e) Unregulated'	0	0	N/A
' 403.6(e) Dilute	0	0	Batch
Cooling Water	0	0	Continuous
Sanitary	4,800	10,150	Continuous
Total Flow to POTW	25,130	41,150	*****

* If batch discharged please list the period of time of each batch discharge (300 gallons/day; 500 gallons/week, 2,000 gallons/3 months, etc). Do not normalize over that period for the average flow.
 ** "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 _____
- 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.

40 CFR 433.17 Pollutant(mg/l) limits	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 Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	.000520	0.0104	0.0152	0.0156	0.0592	0.0208	0.0617	0.010	N/A
Avg Measured**	.000520	0.0104	0.0152	0.0156	0.0592	0.0208	0.0617	0.010	N/A

Sample Location After Pre-Treatment

Sample Type (Grab* or Composite) Grab

*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 1

40CFR136 Preservation and Analytical Methods Use: Yes No (include complete Chain of Custody)

*If a TOMP has been submitted and approved by ADEQ place N/A.

** A value here is the average of all samples taken during one (1) calendar month regardless of number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

(6) CERTIFICATION (ONLY IF A TOMP HAS BEEN SUBMITTED/APPROVED BY ADEQ)

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.

Ricky Lambert, EHS Coordinator
(Typed/Printed Name)


(Corporate Officer or authorized representative signature)

Date of Signature 6/20/17

(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 including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservation:

1. We continue to use mechanical separation of oil and grease prior to pre-treatment.
2. _____
3. _____
4. _____
5. _____

(8) GENERAL COMMENTS

(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(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.

Ricky Lambert
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE


SIGNATURE

EHS Coordinator
OFFICIAL TITLE

6/30/17
DATE SIGNED



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

21 June 2017

Rickey Lambert
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813

Project: Industrial Wastewater Effluent Sample

Project Number: June 2017

SDG Number: 1706255

Enclosed are the results of analyses for samples received by the laboratory on 16-Jun-17 09:48. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	
Temperature on Receipt	27.0°C

Sincerely,

A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

Norma James and/or Teresa Coins
Technical Director and/or QA Officer

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21 June 2017

Rickey Lambert
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Industrial Wastewater Effluent Sample
Project Number: June 2017
Date Received: 16-Jun-17 09:48



CASE NARRATIVE

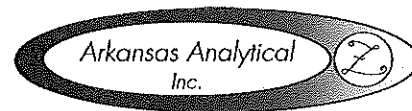
Sample Delivery Group – 1706255

One OR more of the qualifiers described below may appear in this report. Qualifiers in RED apply to this SDG (Sample Delivery Group).

SAMPLE RECEIPT QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
ET	Samples received above required temperature.
ET	Samples received above required temperature. Although collected and received the same day, no ice was present to indicate the cooling preservation was attempted.
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.
E2	Result qualified as it was received and/or analyzed outside of holding time.
E3	Result qualified as it was received in the incorrect container and/or preservation.

21 June 2017



Rickey Lambert
 Danfoss - Scroll Technologies
 1 Scroll Drive
 Arkadelphia, AR 71923-8813
 Project: Industrial Wastewater Effluent Sample
 Project Number: June 2017
 Date Received: 16-Jun-17 09:48

ANALYTICAL RESULTS

Lab Number: 1706255-01
 Sample Name: Effluent Grab
 Date/Time Collected: 6/15/17 8:00
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.0104		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Cadmium	mg/L	< 0.000520		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Chromium	mg/L	< 0.0104		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Copper	mg/L	0.0152		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Lead	mg/L	< 0.0156		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Manganese	mg/L	4.26		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Nickel	mg/L	0.0592		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Silver	mg/L	< 0.0208		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Zinc	mg/L	0.0617		6/20/17 12:24	B706359	EPA 200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.010	ET	6/19/17 9:34	B706341	SM 4500-CN B,E-1999

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B706341 (Water)

Prepared: 19-Jun-17 09:34 By: CAS -- Analyzed: 19-Jun-17 09:34 By: CAS

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.010 mg/L	99.3% / 101%	98.0% / NA		1.99%	

Total Metals -- Batch: B706359 (Water)

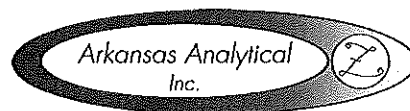
Prepared: 19-Jun-17 15:50 By: TA -- Analyzed: 20-Jun-17 11:27 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<0.0104 mg/L	108% / NA	106% / 106%		0.213%	
Cadmium	<0.000520 mg/L	114% / NA	106% / 106%		0.551%	
Chromium	<0.0104 mg/L	112% / NA	103% / 102%		0.514%	
Copper	<0.00520 mg/L	108% / NA	103% / 102%		0.744%	
Lead	<0.0156 mg/L	113% / NA	102% / 102%		0.133%	
Manganese	<0.0104 mg/L	105% / NA	94.5% / 93.8%		0.787%	
Nickel	<0.0104 mg/L	113% / NA	102% / 101%		0.538%	
Silver	<0.0208 mg/L	110% / NA	100% / 99.8%		0.716%	
Zinc	<0.00520 mg/L	110% / NA	105% / 105%		0.654%	

QUALIFIER(S)

*ET: Estimated Result; Temperature Upon Receipt Exceeded 6 Degrees Centigrade

21 June 2017



Rickey Lambert
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Industrial Wastewater Effluent Sample
Project Number: June 2017
Date Received: 16-Jun-17 09:48

All Analysis performed according to EPA approved methodology when available:
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: Norma James / Teresa Coins
Norma James and/or Teresa Coins
Technical Director and/or QA Officer



8100 National Dr.
 Little Rock, AR 72209
 PHONE: 501-455-3233
 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:								
Danfoss - Scroll Technologies			Industrial Wastewater			1 Day (100%)		1. Cool, 6 Degrees Centigrade			4. Thiosulfate for Dechlorination					
One Scroll Dr.			Effluent Sample			2 Day (50%)		2. Sulfuric Acid (H ₂ SO ₄), pH < 2			5. Hydrochloric Acid(HCl)					
Arkadelphia, AR 71923-8813			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO ₃), pH < 2			6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Rickey Lambert			Telephone: 870-246-0714			5 Day (Routine)		TEST PARAMETERS						Bottle Type Code		
			Fax: 870-245-0150			Preservative Code:		1,6	1,3							G = Glass; P = Plastic
			Email: rickey.lambert@danfoss.com			Bottle Type:		P	P							V = Septum; A = Amber
Sampler(s) Signature			Sampler(s) Printed											Arkansas Analytical Work Order Number:		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION						Cyanide	As, Cd, Cr, Cu, Pb, Mn, Ni, Ag, Zn		
	6/15/2017	8:00 AM	X		2	Water	Effluent Grab						X	X	1706255 01	
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS				
<i>Rickey Lambert</i>			6/15/17 8:00 AM		UPS			1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No								
								2. CONTAINERS CORRECT: <input type="checkbox"/> Yes ___ No								
								3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No								
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			4. RECEIVED ON ICE: ___ Yes <input checked="" type="checkbox"/> No								
UPS			6.16.17 9:48		<i>Sammy Ridde</i>			5. TEMPERATURE ON RECEIPT: 27°C								
								6. TEMPERATURE GUN ID: HHT# 2								
FOR COMPLETION BY LAB ONLY																