From:	Gilliam, Allen
To:	chuck jones
Cc:	Burrow, Kealey; Peltier, Hannah; Arkadelphia - Brenda Gills
Subject:	AR0020605_Danfoss ARP001040 June 2015 quarterly Pretreatment report_20150618
Date:	Thursday, June 18, 2015 11:41:15 AM
Attachments:	1505356 -- 18169.0001-0002 Danfoss.pdf Danfoss 18169 20150617121326.pdf 20150617133913909.pdf image003.png

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Chuck,

Danfoss' June 2015 quarterly report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e).

No further actions are deemed necessary at this time.
Note: the chain of custody is not complete. It shows you, as the sampler, was not the same person [] ???? who it was relinquished by to the next person all the way to the lab. Results from "broken" chains of custody may not be admissible in a court of law.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: Brenda Gills, Arkadelphia Utilities Manager

E/NPDES/NPDES/Pretreatment/Reports

-----Original Message-----
From: Jones Chuck [mailto:Chuck.Jones@danfoss.com]
Sent: Wednesday, June 17, 2015 2:06 PM
To: Gilliam, Allen
Subject: FW:

This is my quarterly report for us sir. I have attached the sample results that I received back from Sorrels.

Thanks and have a safe day

Chuck Jones, NREMT-P
Environmental, Health and Safety Manager Commercial Compressors North America Danfoss LLC
One Scroll Drive Arkadelphia, AR 71923 chuck.jones@danfoss.com
Tel.: 870-246-0714
Mobile: 501-617-3459
Fax: 870-245-0150
http://www.danfoss.com

Arkansas Analytical Inc.

11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813

Project: Effluent Sample

Project Number: 18169.0001-0002

SDG Number: 1505356

Enclosed are the results of analyses for samples received by the laboratory on 22-May-15 08:47. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✔
Containers Correct	✔
COC/Labels Agree	✔
Received On Ice	✔
Temperature on Receipt	6.0°C

Sincerely,

Norma James / Teresa Coins

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

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

CASE NARRATIVE

Sample Delivery Group – 1505356

One *OR* more of the qualifiers described below may appear in this report.

ANALYTICAL QUALIFIERS:

Qualifier	Description
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
EX2	The result exceeds the TCLP limit.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
N	Insufficient sample volume received as required by the method.
T40	The ambient temperature exceeded 23 +/- 2 oC during the TCLP rotation process.

CALIBRATION QUALIFIERS:

Qualifier	Description
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E5	Second Source Verification Failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High

QUALITY CONTROL QUALIFIERS:

Qualifier	Description
E20	Sample used as "parent" for the associated analytical batch.
%D3/S-01 / E1	Surrogate failed to recover within acceptance criteria (%D3/S-01). Results associated with this surrogate were qualified as "estimated" (E1).
B	Present in the Associated Blank
B1	Present in Blank, but Not In the Sample.
%D2 / E5	Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2). Associated results were qualified as "estimated" (E5).
%D1	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed acceptance criteria.
MBA	Failed criteria due the high concentration of analyte in the parent sample.
MBI	Failed criteria due an interference in the parent sample.
%D3	Quality Control Surrogate failed acceptance criteria.
NREC	Quality Control Surrogate failed.

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number: **1505356-01**
Sample Name: **Outfall 001 Composite**
Date/Time Collected: **5/21/15 10:00**
Sample Matrix: **Water**

Acid Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4,6-Trichlorophenol	ug/L	< 10.0		5/28/15 19:56	A505336	625 (mod.)
2,4-Dichlorophenol	ug/L	< 10.0		5/28/15 19:56	A505336	625 (mod.)
2,4-Dimethylphenol	ug/L	< 10.0		5/28/15 19:56	A505336	625 (mod.)
2,4-Dinitrophenol	ug/L	< 50.0	E21	5/28/15 19:56	A505336	625 (mod.)
2-Chlorophenol	ug/L	< 10.0		5/28/15 19:56	A505336	625 (mod.)
2-Nitrophenol	ug/L	< 20.0		5/28/15 19:56	A505336	625 (mod.)
4-Chloro-3-methylphenol	ug/L	< 10.0		5/28/15 19:56	A505336	625 (mod.)
4-Nitrophenol	ug/L	< 50.0		5/28/15 19:56	A505336	625 (mod.)
4,6-Dinitro-2-methylphenol	ug/L	< 10.0	E20	5/28/15 19:56	A505336	625 (mod.)
Pentachlorophenol	ug/L	< 5.00		5/28/15 19:56	A505336	625 (mod.)
Phenol	ug/L	**23.1**		5/28/15 19:56	A505336	625 (mod.)
2,4,6-Tribromophenol [surr]	%	49.6		5/28/15 19:56	A505336	625 (mod.)
2-Fluorophenol [surr]	%	33.6		5/28/15 19:56	A505336	625 (mod.)
Phenol-d5 [surr]	%	27.1		5/28/15 19:56	A505336	625 (mod.)

Base/Neutral Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4-Trichlorobenzene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
1,2-Dichlorobenzene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
1,2-Diphenyl Hydrazine	ug/L	< 20.0	E1	5/28/15 19:56	A505336	625 (mod.)
1,3-Dichlorobenzene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
1,4-Dichlorobenzene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
2,3,7,8-TCDD Screen	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
2,4-Dinitrotoluene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
2,6-Dinitrotoluene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
2-Chloronaphthalene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
3,3'-Dichlorobenzidine	ug/L	< 10.0	E-01, E1, EDL	5/28/15 19:56	A505336	625 (mod.)
4-Bromophenyl-phenylether	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
4-Chlorophenyl-phenylether	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Acenaphthene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Acenaphthylene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Anthracene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Benzidine	ug/L	< 50.0	E1	5/28/15 19:56	A505336	625 (mod.)
Benzo[a]pyrene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Benzo[b]fluoranthene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Benzo[g,h,i]perylene	ug/L	< 20.0	E1	5/28/15 19:56	A505336	625 (mod.)
Benzo[k]fluoranthene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Benzo (a) anthracene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Bis(2-chloroethoxy)methane	ug/L	< 10.0	E-01, E1	5/28/15 19:56	A505336	625 (mod.)
Bis(2-chloroethyl)ether	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Bis(2-chloroisopropyl)ether	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Bis(2-ethylhexyl)phthalate	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Butylbenzylphthalate	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Chrysene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Dibenz[a,h]anthracene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number: 1505356-01
Sample Name: Outfall 001 Composite
Date/Time Collected: 5/21/15 10:00
Sample Matrix: Water

Base/Neutral Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Diethylphthalate	ug/L	< 10.0	E-01, E1	5/28/15 19:56	A505336	625 (mod.)
Dimethylphthalate	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Di-n-butylphthalate	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Di-n-octylphthalate	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Fluoranthene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Fluorene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Hexachlorobenzene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Hexachlorobutadiene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Hexachlorocyclopentadiene	ug/L	< 10.0	E1, E20	5/28/15 19:56	A505336	625 (mod.)
Hexachloroethane	ug/L	< 20.0	E1	5/28/15 19:56	A505336	625 (mod.)
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00	E1	5/28/15 19:56	A505336	625 (mod.)
Isophorone	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Naphthalene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Nitrobenzene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
N-Nitrosodimethylamine	ug/L	< 50.0	E1	5/28/15 19:56	A505336	625 (mod.)
N-Nitroso-di-n-propylamine	ug/L	< 20.0	E1	5/28/15 19:56	A505336	625 (mod.)
N-Nitrosodiphenylamine/diphenylamine	ug/L	< 20.0	E1	5/28/15 19:56	A505336	625 (mod.)
Phenanthrene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
Pyrene	ug/L	< 10.0	E1	5/28/15 19:56	A505336	625 (mod.)
2-Fluorobiphenyl [surr]	%	43.3		5/28/15 19:56	A505336	625 (mod.)
Nitrobenzene-d5 [surr]	%	45.8		5/28/15 19:56	A505336	625 (mod.)
Terphenyl-d14 [surr]	%	44.6	%D3	5/28/15 19:56	A505336	625 (mod.)

Pesticides/PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aldrin	ug/L	< 0.010		5/28/15 12:46	A505301	608
alpha-BHC	ug/L	< 0.050		5/28/15 12:46	A505301	608
beta-BHC	ug/L	< 0.050		5/28/15 12:46	A505301	608
gamma-BHC (Lindane)	ug/L	< 0.050		5/28/15 12:46	A505301	608
delta-BHC	ug/L	< 0.050	E-01	5/28/15 12:46	A505301	608
Chlordane	ug/L	< 0.200		5/28/15 12:46	A505301	608
4,4´-DDT	ug/L	< 0.020		5/28/15 12:46	A505301	608
4,4´-DDE	ug/L	< 0.100		5/28/15 12:46	A505301	608
4,4´-DDD	ug/L	< 0.100	E-01	5/28/15 12:46	A505301	608
Dieldrin	ug/L	< 0.020	E-01	5/28/15 12:46	A505301	608
Endosulfan I	ug/L	< 0.010		5/28/15 12:46	A505301	608
Endosulfan II	ug/L	< 0.020		5/28/15 12:46	A505301	608
Endosulfan sulfate	ug/L	< 0.100		5/28/15 12:46	A505301	608
Endrin	ug/L	< 0.020	E-01	5/28/15 12:46	A505301	608
Endrin aldehyde	ug/L	< 0.100	E21	5/28/15 12:46	A505301	608
Heptachlor	ug/L	< 0.010		5/28/15 12:46	A505301	608
Heptachlor epoxide	ug/L	< 0.010		5/28/15 12:46	A505301	608
Chlorpyrifos	ug/L	< 0.070		5/28/15 12:46	A505301	608
Aroclor-1242	ug/L	< 0.200		5/28/15 12:46	A505301	608
Aroclor-1254	ug/L	< 0.200		5/28/15 12:46	A505301	608

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample
Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number: 1505356-01
Sample Name: Outfall 001 Composite
Date/Time Collected: 5/21/15 10:00
Sample Matrix: Water

Pesticides/PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1221	ug/L	< 0.200		5/28/15 12:46	A505301	608
Aroclor-1232	ug/L	< 0.200		5/28/15 12:46	A505301	608
Aroclor-1248	ug/L	< 0.200		5/28/15 12:46	A505301	608
Aroclor-1260	ug/L	< 0.200		5/28/15 12:46	A505301	608
Aroclor-1016	ug/L	< 0.200		5/28/15 12:46	A505301	608
Toxaphene	ug/L	< 0.300		5/28/15 12:46	A505301	608
TCMX [surr]	%	30.6		5/28/15 12:46	A505301	608
DCBP [surr]	%	36.3		5/28/15 12:46	A505301	608

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.0104		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Cadmium	mg/L	< 0.000520		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Chromium	mg/L	< 0.0104		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Copper	mg/L	**0.0300**		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Lead	mg/L	< 0.0156		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Manganese	mg/L	**2.00**		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Nickel	mg/L	**0.128**		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Silver	mg/L	< 0.0208		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)
Zinc	mg/L	**0.0552**		5/26/15 13:25	A505275	200.7, Rev 4.4 (1994)

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
BOD-5	mg/L	**113**		5/22/15 11:50	A505306	5210 B-2001,Hach 13060
TSS	mg/L	**62.4**		5/28/15 9:00	A505328	2540 D-1997

ANALYTICAL RESULTS

Lab Number: 1505356-02
Sample Name: Outfall 001 Grab
Date/Time Collected: 5/21/15 11:15
Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.010		5/26/15 9:56	A505273	4500-CN B,E-1999
Oil and Grease	mg/L	**13**		5/28/15 10:27	A505317	1664 Mod, Rev. B 2010

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number: 1505356-03
Sample Name: Wash Tank Grab
Date/Time Collected: 5/21/15 11:15
Sample Matrix: Water

Acid Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4,6-Trichlorophenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
2,4-Dichlorophenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
2,4-Dimethylphenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
2,4-Dinitrophenol	ug/L	< 1000	E21, EDL	5/28/15 20:17	A505336	625 (mod.)
2-Chlorophenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
2-Nitrophenol	ug/L	< 400	EDL	5/28/15 20:17	A505336	625 (mod.)
4-Chloro-3-methylphenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
4-Nitrophenol	ug/L	< 1000	EDL	5/28/15 20:17	A505336	625 (mod.)
4,6-Dinitro-2-methylphenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
Pentachlorophenol	ug/L	< 100	EDL	5/28/15 20:17	A505336	625 (mod.)
Phenol	ug/L	< 200	EDL	5/28/15 20:17	A505336	625 (mod.)
2,4,6-Tribromophenol [surr]	%	102		5/28/15 20:17	A505336	625 (mod.)
2-Fluorophenol [surr]	%	32.2		5/28/15 20:17	A505336	625 (mod.)
Phenol-d5 [surr]	%	68.8		5/28/15 20:17	A505336	625 (mod.)

Base/Neutral Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4-Trichlorobenzene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
1,2-Dichlorobenzene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
1,2-Diphenyl Hydrazine	ug/L	< 400	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
1,3-Dichlorobenzene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
1,4-Dichlorobenzene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
2,3,7,8-TCDD Screen	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
2,4-Dinitrotoluene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
2,6-Dinitrotoluene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
2-Chloronaphthalene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
3,3'-Dichlorobenzidine	ug/L	< 500	E1, EDL, E-01	5/28/15 20:17	A505336	625 (mod.)
4-Bromophenyl-phenylether	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
4-Chlorophenyl-phenylether	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Acenaphthene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Acenaphthylene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Anthracene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzidine	ug/L	< 1000	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzo[a]pyrene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzo[b]fluoranthene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzo[g,h,i]perylene	ug/L	< 400	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzo[k]fluoranthene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Benzo (a) anthracene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Bis(2-chloroethoxy)methane	ug/L	< 200	E-01, E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Bis(2-chloroethyl)ether	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Bis(2-chloroisopropyl)ether	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Bis(2-ethylhexyl)phthalate	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Butylbenzylphthalate	ug/L	< 200	EDL, E1	5/28/15 20:17	A505336	625 (mod.)
Chrysene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Dibenz[a,h]anthracene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number: 1505356-03
Sample Name: Wash Tank Grab
Date/Time Collected: 5/21/15 11:15
Sample Matrix: Water

Base/Neutral Compounds	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Diethylphthalate	ug/L	< 200	E-01, E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Dimethylphthalate	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Di-n-butylphthalate	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Di-n-octylphthalate	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Fluoranthene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Fluorene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Hexachlorobenzene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Hexachlorobutadiene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Hexachlorocyclopentadiene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Hexachloroethane	ug/L	< 400	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Indeno[1,2,3-cd]pyrene	ug/L	< 100	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Isophorone	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Naphthalene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Nitrobenzene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
N-Nitrosodimethylamine	ug/L	< 1000	EDL, E1	5/28/15 20:17	A505336	625 (mod.)
N-Nitroso-di-n-propylamine	ug/L	< 400	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
N-Nitrosodiphenylamine/diphenylamine	ug/L	< 400	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Phenanthrene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
Pyrene	ug/L	< 200	E1, EDL	5/28/15 20:17	A505336	625 (mod.)
2-Fluorobiphenyl [surr]	%	57.5		5/28/15 20:17	A505336	625 (mod.)
Nitrobenzene-d5 [surr]	%	54.8		5/28/15 20:17	A505336	625 (mod.)
Terphenyl-d14 [surr]	%	14.8	%D3	5/28/15 20:17	A505336	625 (mod.)

Pesticides/PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aldrin	ug/L	< 0.050	E1, EDL	5/28/15 13:00	A505301	608
alpha-BHC	ug/L	< 0.250	E1, EDL	5/28/15 13:00	A505301	608
beta-BHC	ug/L	< 0.250	E1, EDL	5/28/15 13:00	A505301	608
gamma-BHC (Lindane)	ug/L	< 0.250	E1, EDL	5/28/15 13:00	A505301	608
delta-BHC	ug/L	< 0.250	E-01, E1, EDL	5/28/15 13:00	A505301	608
Chlordane	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
4,4´-DDT	ug/L	< 0.100	E1, EDL	5/28/15 13:00	A505301	608
4,4´-DDE	ug/L	< 0.500	E1, EDL	5/28/15 13:00	A505301	608
4,4´-DDD	ug/L	< 0.500	E-01, E1, EDL	5/28/15 13:00	A505301	608
Dieldrin	ug/L	< 0.100	EDL, E-01, E1	5/28/15 13:00	A505301	608
Endosulfan I	ug/L	< 0.050	E1, EDL	5/28/15 13:00	A505301	608
Endosulfan II	ug/L	< 0.100	E1, EDL	5/28/15 13:00	A505301	608
Endosulfan sulfate	ug/L	< 0.500	E1, EDL	5/28/15 13:00	A505301	608
Endrin	ug/L	< 0.100	E-01, E1, EDL	5/28/15 13:00	A505301	608
Endrin aldehyde	ug/L	< 0.500	E1, E21, EDL	5/28/15 13:00	A505301	608
Heptachlor	ug/L	< 0.050	E1, EDL	5/28/15 13:00	A505301	608
Heptachlor epoxide	ug/L	< 0.050	E1, EDL	5/28/15 13:00	A505301	608
Chlorpyrifos	ug/L	< 0.350	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1242	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1254	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

ANALYTICAL RESULTS

Lab Number:	**1505356-03**
Sample Name:	**Wash Tank Grab**
Date/Time Collected:	**5/21/15 11:15**
Sample Matrix:	**Water**

Pesticides/PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1221	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1232	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1248	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1260	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Aroclor-1016	ug/L	< 1.00	E1, EDL	5/28/15 13:00	A505301	608
Toxaphene	ug/L	< 1.50	E1, EDL	5/28/15 13:00	A505301	608
TCMX [surr]	%	37.1		5/28/15 13:00	A505301	608
DCBP [surr]	%	MBI	MBI	5/28/15 13:00	A505301	608

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.0104		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Cadmium	mg/L	< 0.000520		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Chromium	mg/L	< 0.0104		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Copper	mg/L	**0.0300**		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Lead	mg/L	< 0.0156		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Manganese	mg/L	**1.97**		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Nickel	mg/L	**0.128**		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Silver	mg/L	< 0.0208		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)
Zinc	mg/L	**0.0579**		5/26/15 13:29	A505275	200.7, Rev 4.4 (1994)

29 May 2015

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Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A505273 (Water)
Prepared: 22-May-15 11:51 By: WL -- Analyzed: 26-May-15 09:56 By: WL

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.010 mg/L	85.3% / NA	84.7% / 73.7%		13.9%	

Total Metals -- Batch: A505275 (Water)
Prepared: 22-May-15 12:15 By: HF -- Analyzed: 26-May-15 12:37 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<0.0104 mg/L	100% / NA	105% / 103%		2.26%	
Cadmium	<0.000520 mg/L	106% / NA	106% / 105%		1.59%	
Chromium	<0.0104 mg/L	103% / NA	102% / 100%		1.41%	
Copper	<0.00520 mg/L	104% / NA	105% / 104%		1.60%	
Lead	<0.0156 mg/L	108% / NA	103% / 102%		1.09%	
Manganese	<0.0104 mg/L	102% / NA	99.7% / 97.5%		0.905%	
Nickel	<0.0104 mg/L	106% / NA	103% / 102%		1.47%	
Silver	<0.0208 mg/L	107% / NA	97.2% / 94.4%		2.95%	
Zinc	<0.00520 mg/L	99.1% / NA	101% / 100%		0.942%	

Pesticides/PCBs -- Batch: A505301 (Water)
Prepared: 27-May-15 08:43 By: MB -- Analyzed: 28-May-15 12:23 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4´-DDD	<0.100 ug/L	140% / 135%	118% / NA		3.43%	E-01
4,4´-DDE	<0.100 ug/L	95.1% / 92.0%	70.4% / NA		3.32%	
4,4´-DDT	<0.020 ug/L	122% / 116%	105% / NA		4.96%	
Aldrin	<0.010 ug/L	56.5% / 58.8%	46.2% / NA		3.88%	
alpha-BHC	<0.050 ug/L	79.0% / 79.8%	84.9% / NA		1.11%	
beta-BHC	<0.050 ug/L	92.7% / 91.7%	75.2% / NA		1.13%	
delta-BHC	<0.050 ug/L	107% / 102%	82.2% / NA		4.26%	E-01
Dieldrin	<0.020 ug/L	104% / 101%	82.0% / NA		3.08%	E-01
Endosulfan I	<0.010 ug/L	73.7% / 71.5%	74.9% / NA		3.00%	
Endosulfan II	<0.020 ug/L	116% / 112%	122% / NA		3.56%	
Endosulfan sulfate	<0.100 ug/L	110% / 105%	119% / NA		3.89%	
Endrin	<0.020 ug/L	111% / 106%	102% / NA		4.03%	E-01
Endrin aldehyde	<0.100 ug/L	121% / 106%	20.1% / NA		13.5%	E21
gamma-BHC (Lindane)	<0.050 ug/L	79.7% / 80.7%	79.4% / NA		1.21%	
Heptachlor	<0.010 ug/L	78.8% / 80.8%	68.8% / NA		2.46%	
Heptachlor epoxide	<0.010 ug/L	87.3% / 86.6%	79.5% / NA		0.763%	
DCBP [surr]	115 %	16.4% / 12.7%	16.1% / NA		NA	
TCMX [surr]	54.2 %	47.0% / 46.0%	37.7% / NA		NA	

Wet Chemistry -- Batch: A505306 (Water)
Prepared: 22-May-15 11:50 By: KP -- Analyzed: 22-May-15 11:50 By: KP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
BOD-5	<2.00 mg/L	109% / 109%	NA / NA		0.695%	

29 May 2015

Chuck Jones
Danfoss - Scroll Technologies
1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A505317 (Water)

Prepared: 27-May-15 13:52 By: WL -- Analyzed: 28-May-15 10:27 By: WL

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<2.5 mg/L	79.7% / 81.8%	85.0% / NA		2.57%	

Wet Chemistry -- Batch: A505328 (Water)

Prepared: 28-May-15 09:00 By: WL -- Analyzed: 28-May-15 09:00 By: WL

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.0 mg/L	86.0% / 90.0%	NA / NA		4.55%	

29 May 2015

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1 Scroll Drive
Arkadelphia, AR 71923-8813
Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

QUALITY CONTROL RESULTS

Base/Neutral Compounds -- Batch: A505336 (Water)
Prepared: 27-May-15 09:15 By: KR -- Analyzed: 28-May-15 19:35 By: KR

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
1,2,4-Trichlorobenzene	<10.0 ug/L	71.1%	/	71.7%	51.4%	/	NA		0.841%	
1,2-Dichlorobenzene	<10.0 ug/L	78.3%	/	81.8%	47.7%	/	NA		4.48%	
1,2-Diphenyl Hydrazine	<20.0 ug/L	101%	/	106%	58.1%	/	NA		4.97%	
1,3-Dichlorobenzene	<10.0 ug/L	80.0%	/	88.2%	48.3%	/	NA		9.81%	
1,4-Dichlorobenzene	<10.0 ug/L	81.7%	/	88.7%	47.4%	/	NA		8.19%	
2,3,7,8-TCDD Screen	<10.0 ug/L	NA	/	NA	NA	/	NA		NA	
2,4,6-Trichlorophenol	<10.0 ug/L	76.6%	/	81.9%	54.0%	/	NA		6.73%	
2,4-Dichlorophenol	<10.0 ug/L	80.8%	/	85.4%	52.0%	/	NA		5.54%	
2,4-Dimethylphenol	<10.0 ug/L	82.5%	/	85.7%	58.4%	/	NA		3.82%	
2,4-Dinitrophenol	<50.0 ug/L	82.7%	/	100%	52.5%	/	NA		18.9%	E21
2,4-Dinitrotoluene	<10.0 ug/L	111%	/	114%	67.0%	/	NA		2.23%	
2,6-Dinitrotoluene	<10.0 ug/L	103%	/	112%	65.5%	/	NA		8.14%	
2-Chloronaphthalene	<10.0 ug/L	94.1%	/	102%	56.2%	/	NA		8.13%	
2-Chlorophenol	<10.0 ug/L	95.1%	/	99.8%	42.9%	/	NA		4.80%	
2-Nitrophenol	<20.0 ug/L	80.4%	/	85.5%	56.8%	/	NA		6.20%	
3,3'-Dichlorobenzidine	<5.00 ug/L	120%	/	116%	65.9%	/	NA		4.01%	E-01
4,6-Dinitro-2-methylphenol	<10.0 ug/L	103%	/	110%	53.7%	/	NA		6.35%	%D1
4-Bromophenyl-phenylether	<10.0 ug/L	96.0%	/	105%	54.2%	/	NA		9.23%	
4-Chloro-3-methylphenol	<10.0 ug/L	101%	/	107%	97.9%	/	NA		6.31%	
4-Chlorophenyl-phenylether	<10.0 ug/L	102%	/	111%	61.8%	/	NA		7.69%	
4-Nitrophenol	<50.0 ug/L	74.6%	/	74.1%	41.7%	/	NA		0.652%	
Acenaphthene	<10.0 ug/L	90.8%	/	103%	58.0%	/	NA		12.4%	
Acenaphthylene	<10.0 ug/L	97.4%	/	107%	58.7%	/	NA		9.28%	
Anthracene	<10.0 ug/L	106%	/	109%	63.7%	/	NA		2.51%	
Benzidine	<50.0 ug/L	89.1%	/	85.5%	38.7%	/	NA		4.14%	
Benzo (a) anthracene	<5.00 ug/L	89.1%	/	101%	69.1%	/	NA		12.5%	
Benzo[a]pyrene	<5.00 ug/L	97.7%	/	95.7%	63.5%	/	NA		2.12%	
Benzo[b]fluoranthene	<10.0 ug/L	101%	/	102%	61.0%	/	NA		1.45%	
Benzo[g,h,i]perylene	<20.0 ug/L	103%	/	105%	81.7%	/	NA		1.99%	
Benzo[k]fluoranthene	<5.00 ug/L	104%	/	108%	74.7%	/	NA		3.84%	
Bis(2-chloroethoxy)methane	<10.0 ug/L	84.4%	/	89.7%	52.4%	/	NA		6.13%	E-01
Bis(2-chloroethyl)ether	<10.0 ug/L	93.0%	/	97.9%	50.1%	/	NA		5.16%	
Bis(2-chloroisopropyl)ether	<10.0 ug/L	104%	/	109%	58.2%	/	NA		4.35%	
Bis(2-ethylhexyl)phthalate	<10.0 ug/L	118%	/	106%	77.0%	/	NA		10.7%	
Butylbenzylphthalate	<10.0 ug/L	112%	/	113%	64.3%	/	NA		0.962%	
Chrysene	<5.00 ug/L	98.8%	/	95.7%	61.8%	/	NA		3.24%	
Dibenz[a,h]anthracene	<5.00 ug/L	106%	/	104%	67.5%	/	NA		1.76%	
Diethylphthalate	<10.0 ug/L	104%	/	110%	65.3%	/	NA		5.24%	E-01
Dimethylphthalate	<10.0 ug/L	106%	/	110%	62.4%	/	NA		3.90%	
Di-n-butylphthalate	<10.0 ug/L	115%	/	112%	57.3%	/	NA		3.09%	
Di-n-octylphthalate	<10.0 ug/L	95.5%	/	97.5%	55.7%	/	NA		2.07%	
Fluoranthene	<10.0 ug/L	103%	/	102%	66.6%	/	NA		0.288%	
Fluorene	<10.0 ug/L	96.5%	/	106%	60.7%	/	NA		9.38%	
Hexachlorobenzene	<5.00 ug/L	101%	/	94.4%	53.5%	/	NA		6.74%	
Hexachlorobutadiene	<10.0 ug/L	67.0%	/	72.0%	47.9%	/	NA		7.15%	
Hexachlorocyclopentadiene	<10.0 ug/L	58.1%	/	67.9%	No Rec	/	NA		15.6%	
Hexachloroethane	<20.0 ug/L	73.4%	/	75.6%	50.8%	/	NA		3.04%	
Indeno[1,2,3-cd]pyrene	<5.00 ug/L	100%	/	101%	72.4%	/	NA		0.414%	

29 May 2015

Chuck Jones
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1 Scroll Drive
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Project: Effluent Sample

Project Number: 18169.0001-0002
Date Received: 22-May-15 08:47

QUALITY CONTROL RESULTS

Base/Neutral Compounds -- Batch: A505336 (Water)
Prepared: 27-May-15 09:15 By: KR -- Analyzed: 28-May-15 19:35 By: KR

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Isophorone	<10.0 ug/L	75.3% / 82.2%	49.6% / NA		8.73%	
Naphthalene	<10.0 ug/L	72.7% / 78.7%	48.6% / NA		7.87%	
Nitrobenzene	<10.0 ug/L	80.5% / 88.5%	50.8% / NA		9.42%	
N-Nitrosodimethylamine	<50.0 ug/L	64.6% / 67.9%	40.2% / NA		5.01%	
N-Nitroso-di-n-propylamine	<20.0 ug/L	101% / 108%	54.4% / NA		5.96%	
N-Nitrosodiphenylamine/diphenylamine	<20.0 ug/L	101% / 106%	65.2% / NA		4.68%	
Pentachlorophenol	<5.00 ug/L	105% / 107%	58.6% / NA		1.98%	
Phenanthrene	<10.0 ug/L	100% / 106%	64.4% / NA		5.36%	
Phenol	<10.0 ug/L	55.0% / 58.3%	38.3% / NA		5.73%	
Pyrene	<10.0 ug/L	114% / 111%	67.8% / NA		2.07%	
2,4,6-Tribromophenol [surr]	90.9 %	102% / 112%	67.9% / NA		NA	
2-Fluorobiphenyl [surr]	79.6 %	83.6% / 96.8%	50.3% / NA		NA	
2-Fluorophenol [surr]	65.6 %	66.3% / 69.4%	35.6% / NA		NA	
Nitrobenzene-d5 [surr]	78.8 %	77.7% / 81.8%	49.6% / NA		NA	
Phenol-d5 [surr]	49.3 %	50.8% / 55.6%	29.3% / NA		NA	
Terphenyl-d14 [surr]	97.6 %	114% / 116%	62.7% / NA		NA	

QUALIFIER(S)

*%D1:	Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*%D3:	Surrogate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*E-01:	Estimated Result; This Analyte Failed "High" in the CCV; If the sample is non-detect for this analyte, the CCV demonstrated the analyte would have been detected were it present.
*E1:	Estimated Result Due to Surrogate Failure
*E20:	Estimated Result Due to Matrix Spike and/or Matrix Spike Duplicate Failure; This sample was used as the "parent sample" in MS/MSD prep.
*E21:	Estimated Result; This Analyte failed (low) in the CCV.
*EDL:	Elevated Detection Limit Due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume
*MBI:	Masked By Interference
*NREC:	No Recovery

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

SORRELLS RESEARCH ASSOCIATES, INC
8100 NATIONAL DRIVE, LITTLE ROCK, AR 72209
501-562-8139 800-331-8139
FAX 501-562-7025

CHAIN OF CUSTODY RECORD

TURN AROUND TIME
RUSH 24HR. 48 HR.
5 DAY REG
OTHER_____

FOR LAB/OFFICE USE ONLY
LAB # 18169.0001, 0002
CLIENT # _____
P.O.#_____

STANDARD METHODS PRESERVATION PER EPA 40 CFR
C 4= COOL TO 4.C
S<2= SULFURIC ACID TO pH<2
N<2= NITRIC ACID TO pH<2
T= THIOSULFATE FOR DECHLORINATION
W= WINKLER AZIDE MODIFICATION
P= MEMBRANE ELECTRODE
NaOH= pH >12

110913k2

NAME OF COMPANY, CITY, OR PROJECT: Danfoss Scroll Technologies
PROJECT NO:
SAMPLER(S) NAME: (PRINT) Chuck

SAMPLE NO:	SAMPLE ID AND/ OR COLLECTION LOCATION	START DATE/TIME	END DATE/TIME	COMP GRAB	FIELD ANALYSIS pH	TEMP	FLOW	CL2	D,O (W) D.O(P)	CONTAINER TYPE PRESERVATIVE	ANALYSIS REQUIRED
											1505356 -
0001	Outfall 001	7:00 5-21-15	10:00 5-21-15	C	7.25	23.0		-01		1 qt.	BOD,TSS
	"	"	"	C				|		50 mL NC2	metals - As,Cd,Cr,Cu,Pb,Mn, Ni,Ag, Zn
	"	"	"	C				|		1 L amber narrow	TTO-BNAs, Pest/PCB,
	"	11:10 5-21-15	11:15 5-21-15	G				-02		1 L amber s<2	O&G, ~~T.P~~ ~~VOA~~ ~~Aerobics~~
	"	"	"	G				|		500 mL NaOH	CN
	"	"	"	G				|		(2) 40 mL vials	TTO - ~~VOA~~
	"	"	"	G	7.25	23.0				onsite	pH, temp
0002	WASH TANK	11:10 5-21-15	11:15 5-21-15	G				-03		2L Amb	TTO-BNAs Pest/PCB
	"	5-21-15	5-21-15	G				|		50mL NC2	metals - As,Cd,Cr,Cu,Pb, Mn,Ni,Ag,Zn

METHOD OF SHIPMENT (CIRCLE)
FED EX WALK IN SRA UPS OTHER

TYPE OF SAMPLE(S): (CIRCLE)
WATER SOIL W/W SLUDGE OTHER

FIELD CALIBRATION RECORD

pH 7	7.00	7.00
pH 4	4.01	4.01
pH 10	10.00	
D.O		

Samples Received at Arkansas Analytical
Relinquished By: Sorrells
Date/Time: 5-22-15, 0847
Received By: Sydney James

	Yes	No
Custody Seals:	✓	
Containers Correct:	|	
COC/Labels Agree:	|	
Received on Ice:	|	

Temperature on Receipt: 6°C
Temperature Gun ID: HHT #2

FIELD ANALYSIS CONDUCTED BY: (CIRCLE) SRA CLIENT

* analytes added per Cecil Sorrells - 5/22/15 (8)
* Containers not received for VOA + T.Phenolics - removed from COC per cecil sorrells 5/22/15 (8)

RELINQUISHED BY: [signature] DATE/TIME: RECEIVED BY: [signature] DATE/TIME: 5-21-15 11:15 CVC

RELINQUISHED BY: [signature] DATE/TIME: 5-21-15 17:30 RECEIVED BY(LAB): [signature] 5-21-15 1730 DATE/TIME:

SORRELLS RESEARCH
LABORATORY AND FIELD SERVICES

CHEMISTS
ECOLOGISTS
CONSULTANTS
PLANNERS

8100 National Drive
Little Rock, Arkansas 72209

Phone 501-562-8139
Fax 501-562-7025
Toll Free 1-800-331-8139

LABORATORY ANALYSIS

Date of Report: June 17, 2015
Date Received : May 21, 2015

For:DANFOSS - SCROLL TECHNOLOGIES
ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: EFFLUENT COMP 05/21/15 0700-1000 / GRAB 1110

ANALYTE		RESULT	UNITS	METHOD
Acrolein	*	0.000	see report	
Acrylonitrile	*	0.000		
Benzene	*	0.000		
Bromodichloromethane	*	0.000		
Bromoform	*	0.000		
Bromomethane (Methyl bromide)	*	0.000		
Carbon tetrachloride	*	0.000		
Chlorobenzene	*	0.000		
Chloroethane	*	0.000		
Chloroform	*	0.000		
Chloroethylvinyl ether, 2-	*	0.000		
Chloromethane (Methyl chloride)	*	0.000		
Chlorodibromomethane	*	0.000		
Dichloroethane, 1,1-	*	0.000		
Dichloroethylene, cis-1,2-	*	0.000		
Dichloroethane, 1,2-	*	0.000		
Dichloroethylene, trans-1,2-	*	0.000		
Dichloroethylene, 1,1- (1,1-dichloroethene)	*	0.000		
Dichloropropane, 1,2-	*	0.000		
Dichloropropylene, cis-1,3-	*	0.000		
Dichloropropylene, trans-1,3-	*	0.000		
Ethylbenzene	*	0.000		
Methylene chloride	*	0.000		
Tetrachloroethane, 1, 1, 2, 2	*	0.000		
Tetrachloroethylene	*	0.000		
Toluene	*	0.000		
Trichloroethane, 1, 1, 1-	*	0.000		
Trichloroethane, 1, 1, 2-	*	0.000		
Trichloroethylene	*	0.000		
Vinyl chloride	*	0.000		
Acenaphthene	*	0.000		
Acenaphthylene	*	0.000		

Laboratory Number: 18169.0001

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ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job: INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: EFFLUENT COMP 05/21/15 0700-1000 / GRAB 1110

ANALYTE		RESULT	UNITS	METHOD
Anthracene	*	0.000		
Benzidine	*	0.000		
Benzo (a) anthracene	*	0.000		
Benzo (a) pyrene	*	0.000		
Benzo (b) fluoranthene	*	0.000		
Benzo (g,h,i) perylene	*	0.000		
Benzo (k) fluoranthene	*	0.000		
bis (2-chloroethoxy) methane	*	0.000		
bis (2-chloroethyl) ether	*	0.000		
bis (2-chloroisopropyl) ether	*	0.000		
bis (2-ethylhexyl) phthalate	*	0.000		
Bromophenyl phenyl ether, 4-	*	0.000		
Butylbenzyl phthalate	*	0.000		
Chloronaphthalene, 2-	*	0.000		
Chlorophenol, 2-	*	0.000		
Chlorophenyl phenyl ether, 4-	*	0.000		
Chrysene	*	0.000		
Dibenzo (a,h) anthracene	*	0.000		
Dichlorobenzene, 1,2-	*	0.000		
Dichlorobenzene, 1,3-	*	0.000		
Dichlorobenzene, 1,4-	*	0.000		
Dichlorobenzidine, 3,3-	*	0.000		
Dichlorophenol, 2,4-	*	0.000		
Diethylphthalate	*	0.000		
Dimethylphenol, 2,4-	*	0.000		
Dimethylphthalate	*	0.000		
Di-n-butyl phthalate	*	0.000		
Dinitro-o-cresol,4,6-	*	0.000		
Dinitrophenol, 2,4-	*	0.000		
Dinitrotoluene, 2,4-	*	0.000		
Dinitrotoluene, 2,6-	*	0.000		
Di-n-octyl phthalate	*	0.000		

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Date Received : May 21, 2015

For:DANFOSS - SCROLL TECHNOLOGIES
ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: EFFLUENT COMP 05/21/15 0700-1000 / GRAB 1110

ANALYTE		RESULT	UNITS	METHOD
Diphenylhydrazine, 1,2-	*	0.000		
Fluoranthene	*	0.000		
Fluorene	*	0.000		
Hexachlorobenzene	*	0.000		
Hexachlorobutadiene	*	0.000		
Hexachlorocyclopentadiene	*	0.000		
Hexachloroethane	*	0.000		
Indeno (1,2,3-Cd) pyrene	*	0.000		
Isophorone	*	0.000		
Naphthalene	*	0.000		
Nitrobenzene	*	0.000		
Nitrophenol, 2-	*	0.000		
Nitrophenol, 4-	*	0.000		
N-Nitrosodimethylamine	*	0.000		
N-nitrosodi-n-propylamine	*	0.000		
N-Nitrosodiphenylamine	*	0.000		
p-Chloro-m-cresol	*	0.000		
Pentachlorophenol	*	0.000		
Phenanthrene	*	0.000		
Phenol	*	0.000		
Pyrene	*	0.000		
Trichlorobenzene, 1, 2, 4-	*	0.000		
Trichlorophenol, 2, 4, 6-	*	0.000		
Aldrin	*	0.000		
BHC, Alpha	*	0.000		
BHC, Beta	*	0.000		
BHC, Delta	*	0.000		
BHC, Gamma (Lindane)	*	0.000		
Chlordane	*	0.000		
4, 4'-DDD	*	0.000		
4, 4'-DDE	*	0.000		
4, 4'-DDT	*	0.000		

Laboratory Number: 18169.0001

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Date Received : May 21, 2015

For:DANFOSS - SCROLL TECHNOLOGIES
ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: EFFLUENT COMP 05/21/15 0700-1000 / GRAB 1110

ANALYTE		RESULT	UNITS	METHOD
Dieldrin	*	0.000		
Endosulfan, Alpha-	*	0.000		
Endosulfan, Beta-	*	0.000		
Endosulfan sulfate	*	0.000		
Endrin	*	0.000		
Endrin aldehyde	*	0.000		
Heptachlor	*	0.000		
Heptachlor epoxide (beta)	*	0.000		
2, 3, 7, 8- TCDD	*	0.000		
Toxaphene	*	0.000		
PCB-1016	*	0.000		
PCB-1221	*	0.000		
PCB-1232	*	0.000		
PCB-1242	*	0.000		
PCB-1248	*	0.000		
PCB-1254	*	0.000		
PCB-1260	*	0.000		
TTO, Total Toxic Organics	*	0.000		
Extraction, Base-Neutrals, Acids	=	1.000	ea	3510
Extraction, Pesticides, PCB's	=	1.000	ea	3510
Biochemical oxygen demand		113.000	mg/Liter	5210 B
Total suspended solids		62.400	mg/Liter	2540D
Oil and grease - Gravimetric		13.000	mg/Liter	1664
Cyanide, total	<	0.010	mg/Liter	4500CN
pH (-H+)		7.250	units	4500 B
Temperature		23.000	.C	2550 B
Arsenic, As	<	0.011	mg/Liter	200.7
Cadmium, Cd	<	0.520	ug/Liter	200.7
Chromium, Cr	<	0.011	mg/Liter	200.7
Copper, Cu		0.030	mg/Liter	200.7
Lead, Pb	<	0.016	mg/Liter	200.7
Manganese, Mn		2.000	mg/Liter	200.7

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Date of Report: June 17, 2015
Date Received : May 21, 2015

For: DANFOSS - SCROLL TECHNOLOGIES
ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job: INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: EFFLUENT COMP 05/21/15 0700-1000 / GRAB 1110

ANALYTE		RESULT	UNITS	METHOD
Nickel, Ni		0.128	mg/Liter	200.7
Silver, Ag	<	0.021	mg/Liter	200.7
Zinc, Zn		0.055	mg/Liter	200.7
Metals, Digestion for	=	1.000	ea sample	3030 D

STANDARD METHODS, 20TH ED.; EPA METHODS, 3RD ED.
Collected by:
CLIENT on 05/21/15 at 11:15
Analysis by :
*ALL TESTS PERFORMED BY ARKANSAS ANALYTICAL INC., EXCEPT WHERE NOTED BY (*)
Sample preservation and Laboratory Analysis conducted according to EPA 40 CFR Part 136. Test/Analyst/Time/Coeff./Var./ QA plan filed with ADPC&E. Includes 10 % replication and 10 % recovery studies by random selection. Instruments maintained and calibrated and records kept.
See Attached.

Copies to:
MR. CHUCK JONES
ENV. HEALTH & SAFETY MGR

ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-

Laboratory Number: 18169.0001 TKR Reviewed By: K. E. Sorrells, M.S. [ ]

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QUALITY ASSURANCE

May 21, 2015
The following QA represents SRA's Quality Assurance values for this report.

ANALYTE	ANALYST	BEG. DATE	BEG. TIME	FIN. DATE	FIN. TIME	S.D. %	SPK. REC.	#IN BAT
Arkansas Analytical Inc.	QA OF	/ /	0	/ /	0	0.00	0.0	0
*pH <-H+>	RP	05/21/15	1110	05/21/15	1115	0.00	0.0	1
*Temperature	RP	05/21/15	1110	05/21/15	1115	0.00	0.0	1

Field PH/TEMP/D.O. Sampler or Courier/ at time of sampling or pick up Sample preservation and laboratory analysis conducted according to EPA 40 CFR Part 136 TEST/ANALYST/TIME/COEF. VAR.* QA PLAN filed with ADPC&E. Include replication.

KES = K. E. Sorrells
JBS = James B. Sorrells
CAS = Cecil A. Sorrells
MKM = Mark Kyle McKenzie
KESII = K. E. Sorrells, II
TJS = Todd J. Sanders
JHD = J. Henry Dodson

Laboratory Number: 18169.0001 TKR

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LABORATORY ANALYSIS

Date of Report: June 17, 2015
Date Received : May 21, 2015

For:DANFOSS - SCROLL TECHNOLOGIES
ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: WASH TANK / GRAB 05/21/15 1110-1115

ANALYTE		RESULT	UNITS	METHOD
Acrolein	*	0.000	see report	
Acrylonitrile	*	0.000		
Benzene	*	0.000		
Bromodichloromethane	*	0.000		
Bromoform	*	0.000		
Bromomethane (Methyl bromide)	*	0.000		
Carbon tetrachloride	*	0.000		
Chlorobenzene	*	0.000		
Chloroethane	*	0.000		
Chloroform	*	0.000		
Chloroethylvinyl ether, 2-	*	0.000		
Chloromethane (Methyl chloride)	*	0.000		
Chlorodibromomethane	*	0.000		
Dichloroethane, 1,1-	*	0.000		
Dichloroethylene, cis-1,2-	*	0.000		
Dichloroethane, 1,2-	*	0.000		
Dichloroethylene, trans-1,2-	*	0.000		
Dichloroethylene, 1,1- (1,1-dichloroethene)	*	0.000		
Dichloropropane, 1,2-	*	0.000		
Dichloropropylene, cis-1,3-	*	0.000		
Dichloropropylene, trans-1,3-	*	0.000		
Ethylbenzene	*	0.000		
Methylene chloride	*	0.000		
Tetrachloroethane, 1, 1, 2, 2	*	0.000		
Tetrachloroethylene	*	0.000		
Toluene	*	0.000		
Trichloroethane, 1, 1, 1-	*	0.000		
Trichloroethane, 1, 1, 2-	*	0.000		
Trichloroethylene	*	0.000		
Vinyl chloride	*	0.000		
Acenaphthene	*	0.000		
Acenaphthylene	*	0.000		

Laboratory Number: 18169.0002

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ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: WASH TANK / GRAB 05/21/15 1110-1115

ANALYTE		RESULT	UNITS	METHOD
Anthracene	*	0.000		
Benzidine	*	0.000		
Benzo (a) anthracene	*	0.000		
Benzo (a) pyrene	*	0.000		
Benzo (b) fluoranthene	*	0.000		
Benzo (g,h,i) perylene	*	0.000		
Benzo (k) fluoranthene	*	0.000		
bis (2-chloroethoxy) methane	*	0.000		
bis (2-chloroethyl) ether	*	0.000		
bis (2-chloroisopropyl) ether	*	0.000		
bis (2-ethylhexyl) phthalate	*	0.000		
Bromophenyl phenyl ether, 4-	*	0.000		
Butylbenzyl phthalate	*	0.000		
Chloronaphthalene, 2-	*	0.000		
Chlorophenol, 2-	*	0.000		
Chlorophenyl phenyl ether, 4-	*	0.000		
Chrysene	*	0.000		
Dibenzo (a,h) anthracene	*	0.000		
Dichlorobenzene, 1,2-	*	0.000		
Dichlorobenzene, 1,3-	*	0.000		
Dichlorobenzene, 1,4-	*	0.000		
Dichlorobenzidine, 3,3-	*	0.000		
Dichlorophenol, 2,4-	*	0.000		
Diethylphthalate	*	0.000		
Dimethylphenol, 2,4-	*	0.000		
Dimethylphthalate	*	0.000		
Di-n-butyl phthalate	*	0.000		
Dinitro-o-cresol,4,6-	*	0.000		
Dinitrophenol, 2,4-	*	0.000		
Dinitrotoluene, 2,4-	*	0.000		
Dinitrotoluene, 2,6-	*	0.000		
Di-n-octyl phthalate	*	0.000		

Laboratory Number: 18169.0002

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ARKADELPHIA, AR 71923-8813
Job: INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: WASH TANK / GRAB 05/21/15 1110-1115

ANALYTE		RESULT	UNITS	METHOD
Diphenylhydrazine, 1,2-	*	0.000		
Fluoranthene	*	0.000		
Fluorene	*	0.000		
Hexachlorobenzene	*	0.000		
Hexachlorobutadiene	*	0.000		
Hexachlorocyclopentadiene	*	0.000		
Hexachloroethane	*	0.000		
Indeno (1,2,3-Cd) pyrene	*	0.000		
Isophorone	*	0.000		
Naphthalene	*	0.000		
Nitrobenzene	*	0.000		
Nitrophenol, 2-	*	0.000		
Nitrophenol, 4-	*	0.000		
N-Nitrosodimethylamine	*	0.000		
N-nitrosodi-n-propylamine	*	0.000		
N-Nitrosodiphenylamine	*	0.000		
p-Chloro-m-cresol	*	0.000		
Pentachlorophenol	*	0.000		
Phenanthrene	*	0.000		
Phenol	*	0.000		
Pyrene	*	0.000		
Trichlorobenzene, 1, 2, 4-	*	0.000		
Trichlorophenol, 2, 4, 6-	*	0.000		
Aldrin	*	0.000		
BHC, Alpha	*	0.000		
BHC, Beta	*	0.000		
BHC, Delta	*	0.000		
BHC, Gamma (Lindane)	*	0.000		
Chlordane	*	0.000		
4, 4'-DDD	*	0.000		
4, 4'-DDE	*	0.000		
4, 4'-DDT	*	0.000		

Laboratory Number: 18169.0002

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ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job: INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: WASH TANK / GRAB 05/21/15 1110-1115

ANALYTE		RESULT	UNITS	METHOD
Dieldrin	*	0.000		
Endosulfan, Alpha-	*	0.000		
Endosulfan, Beta-	*	0.000		
Endosulfan sulfate	*	0.000		
Endrin	*	0.000		
Endrin aldehyde	*	0.000		
Heptachlor	*	0.000		
Heptachlor epoxide (beta)	*	0.000		
2, 3, 7, 8- TCDD	*	0.000		
Toxaphene	*	0.000		
PCB-1016	*	0.000		
PCB-1221	*	0.000		
PCB-1232	*	0.000		
PCB-1242	*	0.000		
PCB-1248	*	0.000		
PCB-1254	*	0.000		
PCB-1260	*	0.000		
TTO, Total Toxic Organics	*	0.000		
Extraction, Base-Neutrals, Acids	=	1.000	ea	3510
Extraction, Pesticides, PCB's	=	1.000	ea	3510
Arsenic, As	<	0.011	mg/Liter	200.7
Cadmium, Cd	<	0.520	mg/Liter	200.7
Chromium, Cr	<	0.011	mg/Liter	200.7
Copper, Cu		0.030	mg/Liter	200.7
Lead, Pb	<	0.016	mg/Liter	200.7
Manganese, Mn		1.970	mg/Liter	200.7
Nickel, Ni		0.128	mg/Liter	200.7
Silver, Ag	<	0.021	mg/Liter	200.7
Zinc, Zn		0.058	mg/Liter	200.7
Metals, Digestion for	=	1.000	ea sample	3030 D

Laboratory Number: 18169.0002

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ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-8813
Job:INDUSTRIAL WASTEWATER ANALYSIS / P.O.#8585034
Sample From: WASH TANK / GRAB 05/21/15 1110-1115

ANALYTE	RESULT	UNITS	METHOD

STANDARD METHODS, 20TH ED.; EPA METHODS, 3RD ED.
Collected by:
CLIENT on 05/21/15 at 11:10
Analysis by :
*ALL TESTS PERFORMED BY ARKANSAS ANALYTICAL INC., EXCEPT WHERE NOTED BY (*)
Sample preservation and Laboratory Analysis conducted according to EPA 40 CFR Part 136. Test/Analyst/Time/Coeff./Var./ QA plan filed with ADPC&E. Includes 10 % replication and 10 % recovery studies by random selection. Instruments maintained and calibrated and records kept.
See Attached.

Copies to:
MR. CHUCK JONES
ENV. HEALTH & SAFETY MGR

ONE SCROLL DRIVE
ARKADELPHIA, AR 71923-

Laboratory Number: 18169.0002 TKR Reviewed By: K. E. Sorrells, M.S. [ ]

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QUALITY ASSURANCE

May 21, 2015
The following QA represents SRA's Quality Assurance values for this report.

ANALYTE	ANALYST	BEG. DATE	BEG. TIME	FIN. DATE	FIN. TIME	S.D. %	SPK. REC.	#IN BAT
Arkansas Analytical Inc.	QA OF	/ /	0	/ /	0	0.00	0.0	0

Field PH/TEMP/D.O. Sampler or Courier/ at time of sampling or pick up Sample preservation and laboratory analysis conducted according to EPA 40 CFR Part 136 TEST/ANALYST/TIME/COEF. VAR.* QA PLAN filed with ADPC&E. Include replication.

KES = K. E. Sorrells
JBS = James B. Sorrells
CAS = Cecil A. Sorrells
MKM = Mark Kyle McKenzie

KESII = K. E. Sorrells, II
TJS = Todd J. Sanders
JHD = J. Henry Dodson

Laboratory Number: 18169.0002 TKR

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 LCC
One Scroll Drive
Arkadelphia AR 71923

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

C. FACILITY CONTACT: Chuck Jones TELEPHONE NUMBER: 870-246-0714 e-mail: chuck.jones@danfoss.com

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

A. MONTHS WHICH REPORTS ARE DUE

2nd Quarter through DEC 2015

B. PERIOD COVERED BY THIS REPORT

FROM: APR TO: June

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

G Electroplating
G Electroless Plating
G Anodizing
X Coating (conversion)
G Chemical Etching and Milling
G 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 2015 QR
ARP 001040
AR0020605
AFIN 10-00102
Filed Date 2015 06 18

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 &		62100	Continuous
Regulated (Cyanide)	18142	62100	Continuous
'403.6(e) Unregulated*	0	0	N/A
'403.6(e) Dilute	0	0	Batch
Cooling Water	0	0	Continuous
Sanitary	5800	10150	Continuous
Total Flow to POTW	23942	72250	********** *

*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

G Neutralization
X Chemical Precipitation and Sedimentation
G Chromium Reduction
G Cyanide Destruction
G Other _____
G 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	0.052	0.011	0.030	0.016	0.128	0.021	0.055	0.01	0.000
Monthly Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	.0007	.001	.0067	.00593	.0367	.0001	.0049	.011	*
Avg Measured**	.0007	.001	.0067	.00593	.0367	.0001	.0049	.011	*

Sample Location ___After Pre-Treatment_____

Sample Type (Grab* or Composite)_____Composite_____
*If Grab, list # of grabs over what period of time
Number of Samples and Frequency Collected_____1_____

40CFR136 Preservation and Analytical Methods Use: X Yes G 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: G '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED G '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.

(Typed/Printed Name)

(Corporate Officer or authorized representative signature)

Date of Signature

(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 Conservaton:

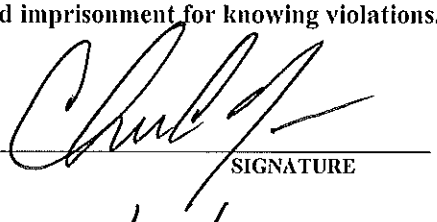
1. We continue to use mechanical separation of oil and grease prior to pre-treatment.
2.
3.
4.
5.

(8) GENERAL COMMENTS

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

Chuck Jones
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE


SIGNATURE

EHS Manager
OFFICIAL TITLE

6/17/15
DATE SIGNED