

Wilson, Tabatha

From: Gilliam, Allen
Sent: Tuesday, April 01, 2014 12:58 PM
To: Chuck.Jones@danfoss.com
Cc: Fuller, Kim; Wilson, Tabatha; mary.clergit@urs.com; bcgills@cityofarkadelphia.com
Subject: AR0020605_Danfoss ARP001040 March 2014 semi annual Pretreatment report with ADEQ reply denoting compliance undeterminable_20140401
Attachments: 20140401070706444.pdf; 0748_001.pdf; BMR Metal Finishing Form 2014.doc

Chuck,

Danfoss' March 2014 semi-annual Pretreatment report was electronically received, reviewed, but compliance with its Metal Finishing standards in 40 CFR 433.17 cannot be determined without further information.

Please submit the certified lab's analytical results (which would include a toxic organics scan per 40 CFR 433.11[e] since Danfoss has not submitted an approvable toxic organic management plan [TOMP] per 40 CFR 433.12[a]), the chain of custody for all samples analyzed and the basis for the use of the combined wastestream formula (CWF) per 40 CFR 403.6(e)(1)(i).

This office cannot locate the rationale for the alternate concentration limits because of flow from a dilute wastestream. One piece of e-correspondence from Rufus Torrence dated 5/7/10, did indicate a dilution flow from a storm water source. Danfoss' file does include a very general wastewater flow diagram ("Submitted with Sep 2002 SAR" hand-written by Rufus Torrence) showing a dilution stream (source unidentified) of 360 gpd.

A later semi-annual report (9/13) indicated this dilution stream was 50 gpd. These dilution flows cause the "dilution factor" to be so close to 1.0, this office would deem it negligible and not necessary to calculate leaving Danfoss' limits to those as specified in 40 CFR 433.17. If a dilution flow makes up >2% of the regulated flow during the day of sampling the CWF should be used when the stormwater is commingled with the regulated wastewater.

Danfoss should also consider installation of a calibratable flow measuring device for at least its regulated flow.

To bring Danfoss' required Federal Pretreatment reporting requirements "up-to-speed" and current, per 40 CFR 403.12(b):

"Reporting requirements for...industrial users. Reporting requirements for [Danfoss] upon effective date of categorical pretreatment standard—baseline report [BMR]. ...[Danfoss which is] subject to [a] categorical Pretreatment Standard and currently discharging to a POTW shall be required to submit to [ADEQ] a report which contains the information listed in paragraphs (b)(1)-(7) of this section. At least 90 days prior to commencement of discharge, New Sources, and sources that become Industrial Users subsequent to the promulgation of an applicable categorical Standard, shall be required to submit to [ADEQ] a report which contains the information listed in paragraphs (b)(1)-(5) of this section. New sources shall also be required to include in this report information on the method of pretreatment the source intends to use to meet applicable pretreatment standards. New Sources shall give estimates of the information requested in paragraphs (b) (4) and (5) of this section:

(1) Identifying information. The User shall submit the name and address of the facility including the name of the operator and owners;

(2) Permits. The User shall submit a list of any environmental control permits held by or for the facility;

(3) Description of operations. [Danfoss] shall submit a [comprehensive] description of the nature, average rate of production, and Standard Industrial Classification [and NAICS] of the operation(s) carried out by [Danfoss]. This description should include a [comprehensive] schematic process diagram which indicates points of Discharge [sampling point] to the POTW from the regulated processes.

(4) Flow measurement. [Danfoss] shall submit information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from each of the following:

(i) Regulated process streams; and

(ii) Other streams as necessary to allow use of the combined wastestream formula of §403.6(e)....

(5) Measurement of pollutants. (i) The user shall identify the Pretreatment Standards applicable to each regulated process; and

(6) Certification. A statement, reviewed by an authorized representative of [Danfoss] (as defined in paragraph (l) of this section) and certified to by a qualified professional, indicating whether Pretreatment Standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O and M) and/or additional Pretreatment is required for [Danfoss] to meet the Pretreatment Standards and Requirements..."

See the 3rd attachment for a blank BMR to save on your hard drive. Please save this original and rename them for subsequent semi-annual reports. Please attach additional sheets where space is limited and attempt to place the comprehensive wastewater flow schematic on 8 & 1/2 X 11" sheets of paper preferably with work piece and wastewater flow directional arrows. These do not have to be to scale, but should be laid out in which they are on the process floor. A good example schematic is attached (the 2nd) for your convenience.

If there are further questions, comments or concerns please feel free to contact this office.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

cc: Brenda Gills, Arkadelphia Utilities Manager
Mary Clergit, URS Consultant to Danfoss

E/NPDES/NPDES/Pretreatment/Reports

-----Original Message-----

From: Jones Chuck [mailto:Chuck.Jones@danfoss.com]
Sent: Tuesday, April 01, 2014 7:14 AM

To: Gilliam, Allen
Subject: FW:

Semiannual report

Gung Ho!

Chuck Jones NREMT-P
Environmental, Health and Safety Manager Danfoss LLC One Scroll Drive Arkadelphia, AR 71923
E-mail: chuck.jones@danfoss.com
Tel.: 870-246-0714
Fax: 870-245-0150
<http://www.danfoss.com>

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	62100	Continuous
Regulated (Cyanide)	18142	62100	Continuous
§403.6(e) Unregulated*	0	0	N/A
§403.6(e) Dilute	50	1000	Batch
Cooling Water	0	0	Continuous
Sanitary	5800	10150	Continuous
Total Flow to POTW	23942	72250	*****

*"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.

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	.00040	0.0032	0.0100	0.0045	0.0745	0.0001	0.704	0.0130	1.000
AMAC	0.0010	0.00141	0.0140	0.00240	0.0475	0.0009	0.13406	0.0052	

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 Samples @ 1 per month

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.

(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.

T.Paul Dean

 NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

General Manager

 OFFICIAL TITLE



 SIGNATURE

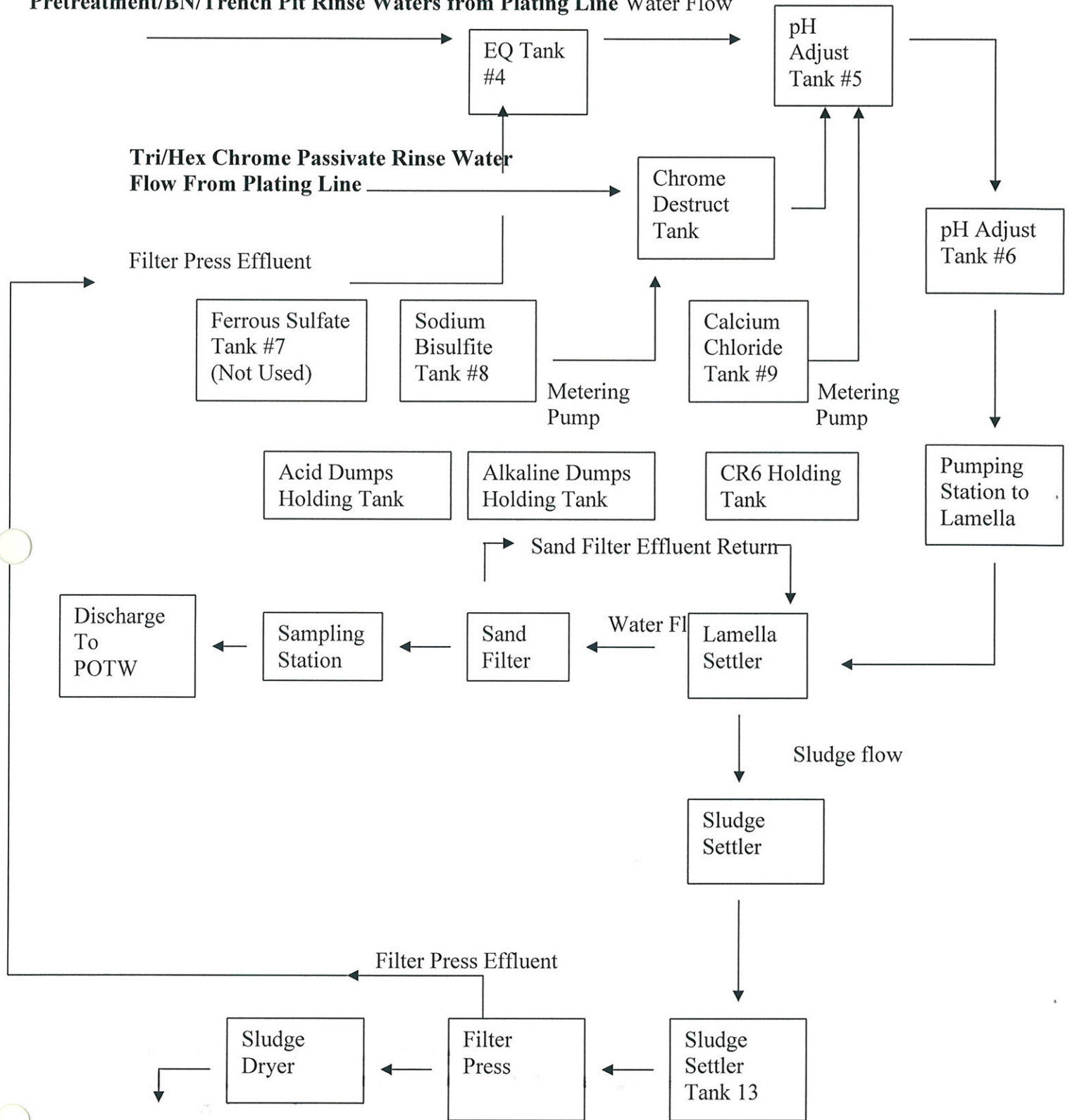
3/31/2014

 DATE SIGNED

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3/25/09

Virco Waste Treatment Diagram

Pretreatment/BN/Trench Pit Rinse Waters from Plating Line Water Flow



Hazardous Waste
Sludge F006
Shipped to Recycler

Plater Process Tanks 1-9

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Tank #1

Name: Soak Cleaner
(NAOH Based)
Volume (gal): 5504
Temp: 175
Typical Ph: 12+
Agitation: Mechanical
Flow Pattern: None
WWT: To Alkaline
Dumps Holding Tank

Tank #2

Name: Soak Cleaner
Rinse
Volume (gal): 1800
Temp: Ambient
Typical Ph: 9+
Agitation: Air
Flow Pattern: To cleaning
cycle pretreatment
pumping station then to
WWT (EQ Tank #4).

Tank #3

Name: #1 Electro-Cleaner
(NAOH Based)
Volume (gal): 3534
Temp: 175
Typical Ph: 12+
Agitation: None
Flow Pattern: None
WWT: To Alkaline
Dumps Holding Tank

Tank #4

Name: EC Rinse
Volume (gal): 1800
Temp: Ambient
Typical Ph: 7
Agitation: Air
Flow Pattern: To cleaning
cycle pretreatment
pumping station then to
WWT (EQ Tank #4).

Tank #5

Name: #2 Electro-Acid
(H₂SO₄ based w/ Flouride)
Volume (gal): 3534
Temp: 120
Typical Ph: 1.5
Agitation: Mech./Filtered
Flow Pattern: None
WWT: To Acid Dumps
Holding Tank

Tank #6

Name: Acid Rinse
Volume (gal): 1800
Temp: Ambient
Typical Ph: 8
Agitation: Air
Flow Pattern: To cleaning
cycle pretreatment
pumping station then to
WWT (EQ Tank #4).

Tank #7

Name: Electro-Cleaner
(NAOH Based)
Volume (gal): 3534
Temp: 175
Typical Ph: 12+
Agitation: None
Flow Pattern: None
WWT: To Alkaline
Dumps Holding Tank

Tank #8

Name: 2nd EC Rinse
Volume (gal): 1800
Temp: Ambient
Typical Ph: 8
Agitation: Air
Flow Pattern: To cleaning
cycle pretreatment
pumping station then to
WWT (EQ Tank #4).

Tank #9

Name: #2 Acid
(H₂SO₄ based w/
flouride)
Volume (gal): 7012
Temp: 130
Typical Ph: 1.5
Agitation: Mech./Filtered
Flow Pattern: None
WWT: To Acid Dumps
Holding Tank

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TL

Plater Process Tanks 10-18

Tank #10

Name: Sour Dip Rinse
(H2SO4 Based)
Volume (gal): 1800
Temp: Ambient
Typical Ph: 1.5
Agitation: Air/Filtered
Flow Pattern: Stagnant
WWT: To pit below plater
then to WWT (EQ Tank
#4).

Tank #11

Name: Sour Dip Rinse
(H2SO4 Based)
Volume(gal): 1800
Temp: Ambient
Typical Ph: 1.5
Agitation: Air/Filtered
Flow Pattern: Stagnant
WWT: To pit below plater
then to WWT (EQ Tank
#4).

Tank #12

Name: Bright Nickel Plate
Volume(gal): 16191
Temp: 145
Typical Ph: 4
Agitation: Air/Filtered
Flow Pattern: None

Tank #13

Name: BN Dragout Rinse
Volume (gal): 1800
Temp: Ambient
Typical Ph: 5
Agitation: Air
Flow Pattern: Source of
H2O replenishment for
the BN tank #12.

Tank #14

Name: BN Rinse (From
Tank #15)
Volume(gal): 1800
Temp: Ambient
Typical Ph: 6
Agitation: Air
Flow Pattern: To
pretreatment pumping
station then to WWT (EQ
Tank #4).

Tank #15

Name: BN Rinse (From
Tank #16)
Volume(gal): 1800
Temp: Ambient
Typical Ph: 6
Agitation: Air
Flow Pattern: Counter
flow to tank #14.

Tank #16

Name: BN Rinse (From
Tank #17)
Volume (gal): 1800
Temp: Ambient
Typical Ph: 6
Agitation: Air
Flow Pattern: Counter
flow to tank #15.

Tank #17

Name: BN Rinse (Fresh
H2O Makeup)
Volume (gal): 1800
Temp: Ambient
Typical Ph: 7
Agitation: Air
Flow Pattern: Counter
flow to tank # 16.

Tank #18

Name: Trivalent Chrome
Plate
Volume (gal): 7183
Temp: 115
Typical Ph: 4
Agitation: Air/Filtered
Flow Pattern: None

Plater Process Tanks 19-23

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TL

Tank #19

Name: CR3 Rinse (From Tank #21)
Volume (gal): 1800
Temp: Ambient
Typical Ph: 5
Agitation: Air
Flow Pattern: To Chrome pumping station then to WWT (Chrome Destruct Tank).

Tank #20

Name: Hex Chrome Passivate
Volume(gal): 1800
Temp: Ambient
Typical Ph: 4
Agitation: Air
Flow Pattern: Stagnant
WWT: To CR6 pumping station then to CR6 Holding Tank for CR6. chrome destruct.)

Tank #21

Name: CR6 Rinse (From Tank # 22)
Volume(gal): 1800
Temp: Ambient
Typical Ph: 5
Agitation: Air
Flow Pattern: Counter flows to tanks #19.

Tank #22

Name: Rinse (Fresh H2O Makeup)
Volume (gal): 1800
Temp: Ambient
Typical Ph: 6
Agitation: Air
Flow Pattern: Counter flows to tank #21.

Tank #23

Name: Hot Water Rinse
Volume(gal): 1800
Temp: 180+
Typical Ph: 7
Agitation: Air/Filtered
Flow Pattern: Stagnant
WWT: Pretreat for CR6 in tank w/ Sodium Hydrosulfite then to pit below plater for transfer to WWT (EQ Tank #4).

Updated: 3/24/09

ADEQ BASELINE MONITORING REPORT [BMR]
(for Metal Finishers under 40 CFR 433)

Instructions: In accordance with 40CFR403.12(b) Industrial Users subject to categorical Pretreatment Standards are required to submit to ADEQ a report which contains the information in paragraphs (b)(1)-(7). The User is responsible for submitting a complete and accurate report. The User must complete this form in as much detail as possible. Include additional information on attached sheets as necessary where space is limited.

(1) Facility Identifying Information [**§403.12(b)(1)**]:

A. Legal Name: _____
Mailing Address: _____
_____ Zip: _____

B. Facility Name: _____
Location: _____
_____ Zip: _____

C. Name of Owners: _____
Address: _____

D. Name of Pretreatment System Operators: _____ Class: _____
_____ Class: _____
_____ Class: _____

E. Facility Signatory Authority / Title: _____ / _____

F. Main wastewater compliance contact / Title: _____ / _____
Phone number: _____ Cell #: _____
e-mail address: _____

G. Number of Employees: _____ Number of Shifts: _____

H. Number of Months per Calendar Year which Plant normally operates: _____

I. Name of the City [Publicly Owned Treatment Works (POTW)] that receives the wastewater discharges from this facility. If this facility has other wastewater not connected to a sewerage system describe where that wastewater is discharged):

J. Provide the date the facility began discharging regulated wastewater to the POTW: _____

Date facility installed/commenced construction of the Metal Finishing operation(s): _____

(2) User's Permits [**§403.12(b)(2)**]:

Describe all environmental control permits held by or for the facility:

Describe Title of the Permit	Permit No.	Issuing Office or Agency	Exp. Date

(3) Description of Operations [**§403.12(b)(3)**]:

A. List Basis Metals Used: _____

B. List Chemicals (attach first page of their MSDS if necessary [not trade names]) used in regulated process(es) (solvents, acids, caustics, aqueous cleaners, machining oils/lubricants/coolants, etc.) and their use/at what station:

C. Provide a Comprehensive Narrative Description of the facility's wastewater activities/processes or other activities conducted and the Final Products (attach a separate sheet if necessary): _____

See Section E. below. A, B & C above can be submitted on separate sheets of paper. These do not have to be to-scale and can be hand drawn, preferably with a separate (numbered) legend for separate process/pretreatment tanks, etc. This numbered legend page can then describe what chemicals and process is being performed without further complicating the schematic.

D. Summarize each Point Source Category Core Process generating wastewater (Electroplating, Electroless Plating, Anodizing, Coating [chromating, phosphating, and coloring], Chemical Etching and Milling, and Printed Circuit Board Manufacture) See 40 CFR 43310(a) @ <http://www.ecfr.gov/cgi-bin/text-idx?rgn=div5&node=40:31.0.1.1.9#40:31.0.1.1.9.1.4.1> for applicability):

Core Operation(s)	Pretreatment Standard Category – 40 CFR 433.17	SIC Code(s)	NAICS Code(s)
List any of the forty (40) “ancillary” operations generating wastewater (see 40 CFR 433.10(a) for these which are also regulated under 40 CFR 433)			

E. Provide on separate sheets (if necessary):

- (i) A comprehensive schematic of manufactured parts flow through each regulated process that generates Federally regulated wastewater. These are preferably to be not-to-scale and on 8.5”X11” sheets of paper and can be hand drawn if CAD is not available.
- (ii) A comprehensive schematic drawing showing all wastewater directional flows (regulated and unregulated), location of pretreatment system, sampling locations and flows for each individual wastestream. Show points of discharge to the POTW from regulated processes and sampling point. These do not have to to-scale and can be hand drawn if CAD is not available. Several 8.5” X 11” sheets are preferable to one large facility layout.
- (iii) Denote any Pollution Prevention (P2) practices such as flowlines showing in-situ filtration, counter-current flows, air knives, wet scrubber return water to baths, acid/caustic baths regeneration, etc.
- (iv) Denote chemical storage areas (bulk storage, at work stations, outdoor, etc.)
- (v) Denote any floor drains and containment areas (curbs, secondary containment, below grade grated troughs pumped/gravity-flowed to pretreatment, etc).
- (vi) In lieu of Total Toxic Organic (TTO) monitoring, a Toxic Organic Management Plan (TOMP) may be submitted. Once approved by ADEQ, the following certification statement may be made: “Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation 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 discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to ADEQ.”

(4) Flow Measurement [§403.12(b)(4)]:

A. Total Plant Flow in Gallons per Day (gpd):

Average _____ Maximum _____

{denote all the flows below if measured [M] or estimated [E]}

B. Individual Flows in Gallons per Day ¹ (gpd); <u>Dilute</u> wastestreams include non-contact cooling water, sanitary waste, boiler blowdown, etc.	Average Flow Rate ² (gpd)	Max. Flow Rate (gpd)	Type Discharge ² and at what frequency (describe)	Discharged to City, hauled off-site or recycled (describe)
Regulated Streams				
Unregulated Streams				
Dilute Streams ³				
Non-Contact Cooling Water				
Boiler Blowdown				
Sanitary Wastewater				
De-I or R/O backwash				

¹Referring to 40 CFR403.6(e)(1) average flows must be for a 30-day period unless batch discharges are less frequent than monthly.

²Do not normalize over a period of days if batch discharged; state measured amount per batch and at what frequency). Show type - Continuous, Batch (Monthly, Semi-annually, once per 3 months, 5 days/week, 25 days/30-day period, once per 6 months, etc.)

³ Denote whether any of these streams are combined to the regulated wastestream prior to pretreatment OR prior to the final sampling point. If any of these flows are combined with the regulated wastestream as alluded to above, the MAC and AAC values in Section (5)C. below will have to be calculated.

(5) Measurement of Pollutants in User's Discharge to POTW [§ 403.12(b)(5)]:

A. (i) Cite Evidence why the process wastewater is subject to 40 CFR 433:

Core Process: _____

 Core Process: _____

 Core Process: _____

(ii) Provide on a separate sheet a comprehensive schematic of all wastewater pretreatment equipment (holding tanks, mixing tanks, chemical injection points, clarifier, sludge holding tank, sludge press/supernatant, flow lines, etc) and wastewater flows direction. Show treatment system location in relation to process flows and sampling points on schematic drawing required in Section 3.E.(ii) above.

B. Analysis of Regulated Flows: The industrial user must perform sampling and analysis of the effluent from all regulated processes which discharge into the POTW (after pretreatment). Provide the analytical data for the regulated processes in the appropriate space below. If facility's Metal Finishing regulated flow is the only flow that is sampled, the below limits apply.

CONCENTRATION (mg/l)									
40 CFR 433.17 Limits	Pollutant								
	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO**
Maximum daily	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Average* not to exceed	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	---

* Regardless of samples taken/analyzed, these limits must be met at a minimum.

** See http://edocket.access.gpo.gov/cfr_2005/julqtr/pdf/40cfr433.11.pdf for list of Toxic Organics.

C. Analysis of Total Plant Flow (Mark each blank "N/A" if not appropriate/applicable)

In accordance with 40 CFR 403.6(e) an industrial user may sample and analyze the total plant flow and calculate an alternate concentration limit using the combined wastestream formula if regulated process flows are mixed with other flows prior to treatment and/or sampling. Record the analytical results for all regulated pollutants below. Record the calculated concentration limits as well as the actual measured concentrations.

CONCENTRATION (mg/l)									
	Pollutant								
	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO
MAC ¹	--	--	--	--	--	--	--	--	--
AAC ²	--	--	--	--	--	--	--	--	--
AMMC ³									
AMAC ⁴									

1 MAC --- Maximum Alternate Concentration as determined by ADEQ. *[If facility's Metal Finishing sampled flow is diluted with sanitary wastewater,*

2 AAC --- Average Alternate Concentration as determined by ADEQ. *boiler blowdown or non-contact cooling water, these numbers will have to be calculated per the Combined Wastestream Formula (CWF) in 40 CFR 403.6]*

3 AMMC --- Actual Measured Maximum Concentration from Lab results. *[Facility's results must include the (ADEQ certified) lab's results & QA sheet*

4 AMAC --- Actual Measured Average Concentration from Lab results. *along with a complete chain of custody]*

D. User Sample Location*: _____

*This location should be identified on the wastewater flow schematic required in Section 3.E.(ii) above.}

Sample Type (Composite samples are required except where not feasible or where grab samples are specifically required)

Number of Samples Taken: _____ Frequency (Daily, Weekly, etc) _____

Analytical Methods Used (Must be in accordance with 40CFR136--for example: Meth. 200.8, 624, 625, etc.) _____

(6) Certifications [§403.12(b)(5)(viii) & 403.12(b)(6)]:

40 CFR 403.12(b)(6) Compliance Certification

A. Are applicable categorical pretreatment standards being met on a consistent basis? YES ___ NO ___

B. If no, do you require:

(i) Additional operation and maintenance (O&M) to achieve compliance? YES ___ NO ___

(ii) New or additional pretreatment facilities to achieve compliance? YES ___ NO ___

40 CFR 403.12(b)(5)(viii) Representative Certification

I certify, to the best of my knowledge, that the sampling and analysis as shown in Section 5 above is representative of the User's normal work cycles and the expected Discharges to the POTW.

Print Name: _____ Signature: _____ Date: _____

In accordance with 40CFR403.12(b)(5)(viii) & (6) a qualified professional must complete and sign these certifications in the space below.

Name & Title _____
Qualified Professional (Please Type or Print)

Signature _____

Date _____

(7) A. If additional O&M or new or additional pretreatment will be required to meet categorical pretreatment standards on a consistent basis, provide an explanation in an attachment. New sources must not commence discharge until compliance is possible.

B. Signatory Requirement [40 CFR 403.12(I)]

40 CFR 403.12(I)(3) Authorization to Sign Environmental Reports

I hereby authorize persons filling the position title of _____,
responsible for the overall operation of the _____, Arkansas, to sign all regular
reports required by National Pretreatment Standards--pursuant to ADEQ rules and/or Clean Water Act (CWA) regulations.
This written authorization is provided in accordance with 40 CFR 403.12(I) and comparable state regulations.

Corporate official name & title here

Signature

Date

40 CFR 403.6(a)(2)(ii) Certification

I certify under penalty of law that I have personally examined and am familiar with the information in this Baseline Monitoring Report and all attachments, and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name of Authorized Representative (Please Type or Print)

Official Title (Please Type or Print)

Signature

Date

TTO Certification Statement

(As mentioned in Section 3.E.(vi) above, the facility may submit a Toxic Organic Management Plan (TOMP) to ADEQ and receive TOMP approval before the waiver of TTO monitoring can be granted and the below certification statement can be made. EPA Guidance material can be found at <http://www.epa.gov/npdes/pubs/owm0021.pdf> for an acceptable TOMP)

“Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation 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 discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to ADEQ.”

Name of Authorized Representative (Please Type or Print)

Official Title (Please Type or Print)

Signature

Date