

BASELINE MONITORING REPORT

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) User Identifying Information [§403.12(b)(1)]:

A. Legal Name: Industrial Metal Finishing, Inc.
Mailing Address: P.O. Box 326
Pocahontas AR Zip: 72455

B. Facility Name: Industrial Metal Finishing, Inc.
Location: 105 Beacon Road
Walnut Ridge AR Zip: 72476

C. Name of Owners: Brian and Krystal Niswonger

D. Name of Operators: Brian and Krystal Niswonger

E. Facility Contact (Provide the name, title & phone number of a designated person to contact if additional information is necessary)

Brian Niswonger, President 870-886-7531

F. Number of Employees 4 G. Number of Shifts 1

H. Number of Months per Calendar Year which Plant normally operates 12

I. Publicly Owned Treatment Works (POTW) (Provide the name of the sewerage authority, municipality, etc. 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)

City Water Works
Walnut Ridge AR

J. Provide the date the facility began regulated discharge to the POTW (sewerage authority, municipality, etc.)

July 11, 2011

Date facility installed/commenced construction of the categorical operation(s) January 2011

(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	Exp. Date

(3) Description of User Operations [§403.12(b)(3)] (attach first page of all chemicals' MSDS sheets):

A. List Raw Material/Basis Metals Used:

Alkaline cleaners, Muriatic Acid, Caustic Soda
99.9% Zinc, Trivalent chromates (clear, yellow dye)
nitric acid

B. List Toxic Organics (TTO) & alloy metals and their source (Name of Chemical/Basis Metal):

C. Describe Manufacturing or Service Activities Conducted and the Final Products:

Zinc electroplating (RACK LINE) on ferrous metal
Final product is zinc plated fixtures

D. Summarize each Point Source Category Process generating wastewater:

Source Category	_____
Source Category	_____
Source Category	_____

(4) User Flow Measurement [§403.12(b)(4)]:

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

Average 4320 Maximum 5400

B. Individual Process Flows in Gallons per Day ¹ (gpd) <i>Dilute</i> wastestreams include non-contact cooling water, sanitary waste, etc.	Average Flow Rate (gpd)	Max. Flow Rate (gpd)	Type Discharge ²
Regulated Streams	4120	5150	continuous
Unregulated Streams	N/A		
Dilute Streams	N/A		
Non-Contact Cooling Water	N/A		
Sanitary Wastewater	200	250	Batch

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

²Show type; for example—Continuous, Batch (Monthly, Semi-annually, etc), Intermittent (5 days/week, 25 days/30-day period, etc.)

(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 the category

Core Process Zinc Electroplating

Core Process _____

Core Process _____

Core Process _____

(ii) Provide on a separate sheet a description of all wastewater treatment utilized (show treatment system location in relation to process flows and sampling points on schematic drawing required in Section 3.E 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 treatment, if applicable). Provide the analytical data for the regulated processes in the appropriate space below.

CONCENTRATION (mg/l)									
Basis	Pollutant								
	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO
Maximum	<0.004	0.0076	<0.006	<0.04	<0.01	<0.007	0.11	<0.01	
Average									

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
- 2 AAC --- Average Alternate Concentration as determined by ADEQ
- 3 AMMC --- Actual Measured Maximum Concentration from Lab results
- 4 AMAC --- Actual Measured Average Concentration from Lab results

Summarize each Core process (Electroplating, Electroless Plating, Anodizing, Coating, chromating, phosphating, coloring, Aluminum Die Casting, etc):

Process Description*	Pretreatment Standard Category	Subpart	SIC Code	Date Process was Installed
ZINC Electroplating	40 CFR 433.17			July 2011

*Process Description must be exactly as shown in the applicable 40 CFR; for example, 40CFR 433 lists "Electroplating", "Electroless Plating", "Anodizing", "Coating", "Chemical Etching and Milling" and "Printed Circuit Board Manufacture".

E. Provide on separate sheets:

- (i) A schematic drawing/chart of manufactured parts flow through each regulated process that generates wastewater-- optional for users with only concentration-based standards.
- (ii) A schematic drawing showing all wastewater flows (regulated and unregulated), location of any treatment system, sampling locations and flows for each individual wastestream. Show points of discharge to the POTW from regulated processes.
- (ii) 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 [or 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 discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to ADEQ."

LOAD and unload AREA

Numbers show the steps of the operation. This drawing shows exactly how the tanks are set in the line. All wastewater flows are shown as they flow to the treatment area. * see diagram B*

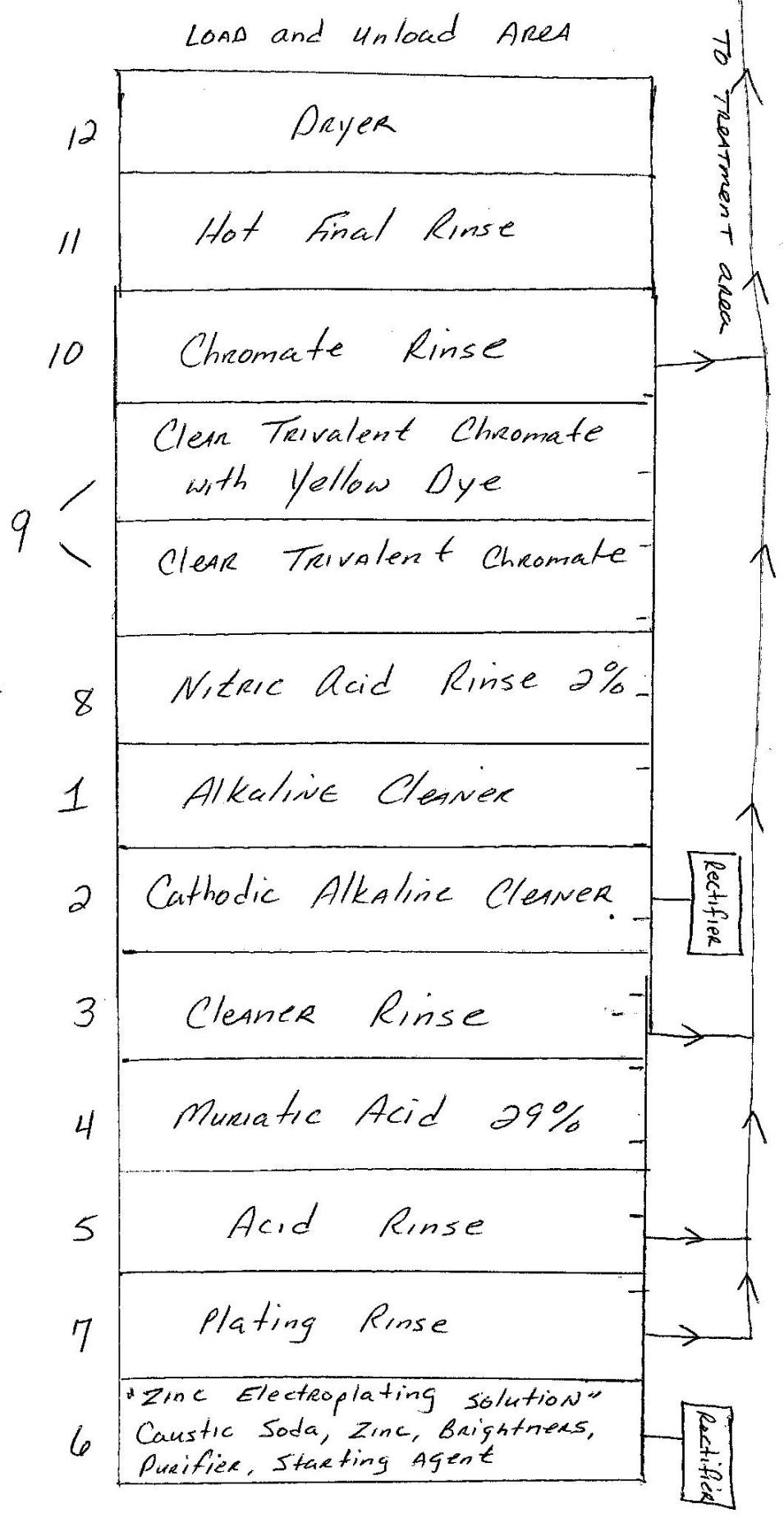
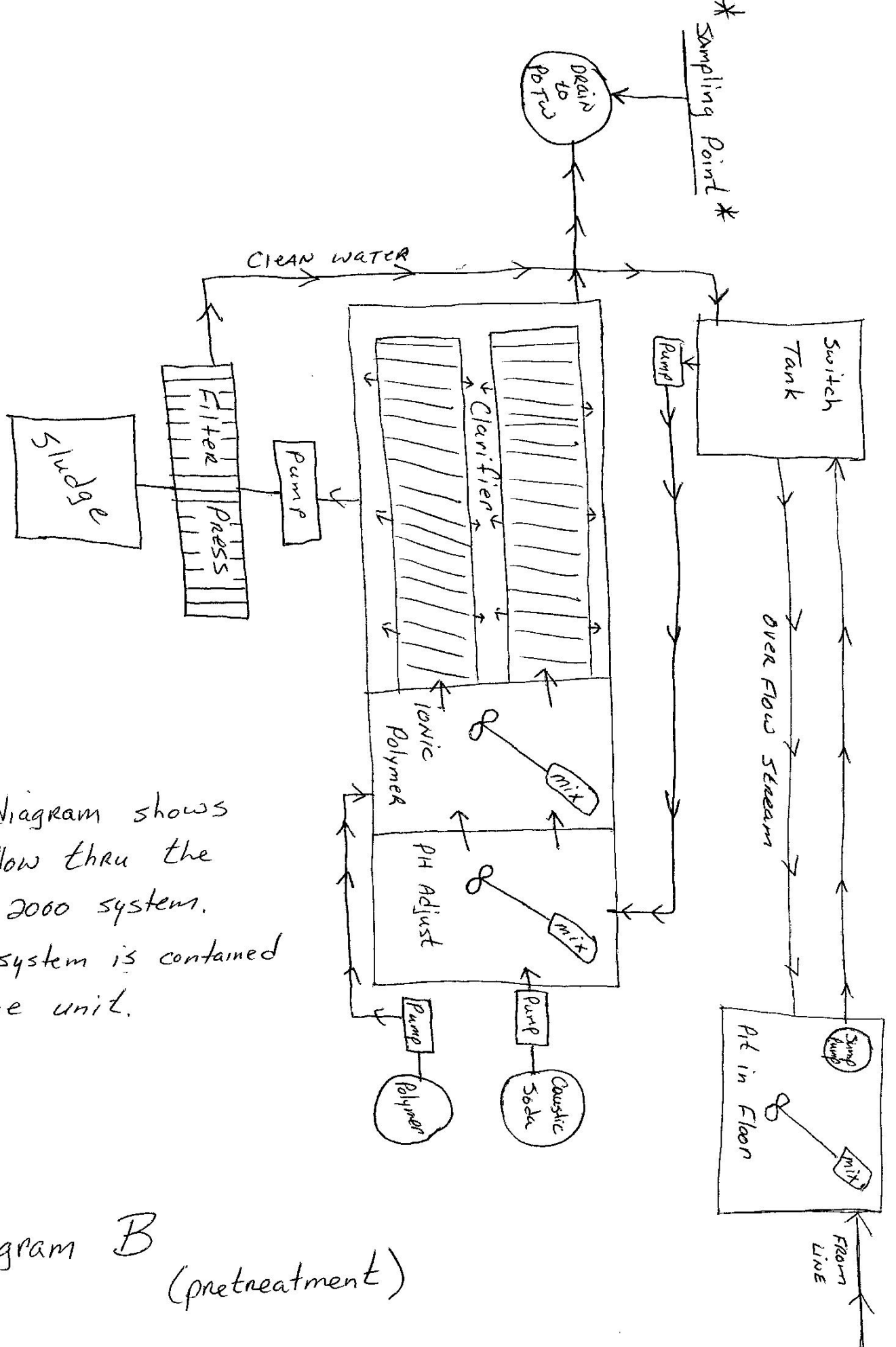


Diagram A (process line)



This diagram shows the flow thru the Alent 2000 system. This system is contained in one unit.

Diagram B (pretreatment)

D. User Sample Location: Sampling point (see schematic B)

Sample Type (Composite samples are required except where not feasible or where grab samples are specifically required--refer to 40 CFR 403.12(b)(5)(iii): Composite

Number of Samples Taken: 1 Frequency (Daily, Weekly, etc) 2 Hours ; 8 hour period

Analytical Methods Used (Must be in accordance with 40CFR136--for example: EPA 608, 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 <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
B. If no, do you require:	
(i) Additional operation and maintenance (O&M) to achieve compliance?	YES <input type="checkbox"/> NO <input type="checkbox"/>
(ii) New or additional pretreatment facilities to achieve compliance?	YES <input type="checkbox"/> NO <input type="checkbox"/>
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: <u>Brian Diswonger</u>	Signature: <u>[Signature]</u> Date: <u>7/7/11</u>
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(l)]

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

I hereby authorize persons filling the position title of President,
responsible for the overall operation of the Industrial Metal facility in Walnut Ridge, 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(l) and comparable state regulations.

Brian Aiswanger / President
Corporate official name & title here

Brian Aiswanger
Signature

7/7/11
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.

Brian Niswonger
Name of Authorized Representative (Please Type or Print)

President
Official Title (Please Type or Print)


Signature

7/7/11
Date

TTO Certification Statement

"Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation [or 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 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
