SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Use of this form is not an EPA/ADEQ requirement. Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS	B. FACILITY & LOCATION ADDRESS
Industrial Metal Finishing, Inc. P.O. Box 326 Pocahontas, AR 72455	Industrial Metal Finishing, Inc. 329 Frazier Street Walnut Ridge, AR 72476

C. FACILITY CONTACT: **Brian Niswonger** TELEPHONE NUMBER: **(870)886-7531** e-mail:

(2) REPORTING PERIOD--FISCAL YEAR From ??? to ????

(Both Semi-Annual Reports must cover Fiscal Year)

A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT
April and October	FROM: April 2010 TO: October 2010

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

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

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Black Oxide (ferrous metals)

Zinc Phosphate (ferrous metals)

Zinc Electroplating

_____

_____

_____

*SEE 40CFR433.10(a) FOR 40 DIFFERENT 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.

C. Number of Regular Employees at this Facility

5

D. [Reserved]

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: I.M.F

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core &	7700	9600	Continuous
Regulated (Cyanide)	0	0	0
§403.6(e) Unregulated*	0	0	0
§403.6(e) Dilute	0	0	0
Cooling Water	0	0	0
Sanitary	250	300	Batch
Total Flow to POTW	7950	9900	**********

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

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

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

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES–CORE & ANCILLARY–(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	–
Max Measured	<0.004	0.012	0.013	<0.04	<0.01	<0.007	0.23	<0.01	N/a
Ave Measured									

Sample Location ___ Effluent Sampling Point(Schematic Flow Diagram)

Sample Type (Grab or Composite)____Composite

Number of Samples and Frequency Collected__ 4; 2 hrs.

40CFR136 Preservation and Analytical Methods Use: x Yes ☐ No

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: I.M.F.

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: ☐ §433.11(e) **TOXIC ORGANIC ANALYSIS ATTACHED** x §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.

Brian Niswonger
(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature 11/8/10

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF Gwinnett **)**

Before me, the undersigned authority, on this day personally appeared Brian Niswonger **of** Industrial Metal Finishing, Inc., **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 8th **day of** November **,** 2010.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

9/13/11

40CFR433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: I.M.F

(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:

(8) GENERAL COMMENTS

(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.

William Niswonger
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

William Niswonger
SIGNATURE

Owner
OFFICIAL TITLE

11/08/10
DATE SIGNED

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Industrial Metal Finishing Inc.
ATTN: Mr. Brian Niswonger
Post Office Box 326
Pocahontas, AR 72455

This report contains the analytical results and supporting information for the sample submitted on November 2, 2010. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.

John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: Industrial Metal Finishing Inc.
ATTN: Mr. Brian Niswonger
bniswonger@indmetalfinishings.com

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Industrial Metal Finishing Inc.
Post Office Box 326
Pocahontas, AR 72455

SAMPLE INFORMATION

Project Description:
One (1) water sample(s) received on November 2, 2010
10/10

Receipt Details:
A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
142925-1	C10/10, M10/10 11/1/10 3:50pm, 3:55pm	01-Nov-2010 1555	

Case Narrative:
There were no qualifiers for this data and all samples met quality control criteria.

References:
"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
"Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Industrial Metal Finishing Inc.
Post Office Box 326
Pocahontas, AR 72455

ANALYTICAL RESULTS

AIC No. 142925-1
Sample Identification: C10/10, M10/10 11/1/10 3:50pm, 3:55pm

Analyte		Result	RL	Units	Qualifier
Total Cyanide		**< 0.01**	0.01	**mg/l**	
SM4500-CN C,E	Prep: 04-Nov-2010 0841 by 258	Analyzed: 04-Nov-2010 1436 by 258		Batch: W34358	
Cadmium		**< 0.004**	0.004	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Chromium		**0.012**	0.007	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Copper		**0.013**	0.006	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Lead		**< 0.04**	0.04	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Nickel		**< 0.01**	0.01	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Silver		**< 0.007**	0.007	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	
Zinc		**0.23**	0.002	**mg/l**	
EPA 200.7	Prep: 02-Nov-2010 1052 by 297	Analyzed: 03-Nov-2010 1733 by 270		Batch: S28874	

AMERICAN INTERPLEX CORPORATION
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Industrial Metal Finishing Inc.
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Pocahontas, AR 72455

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	110	85.0-115			W34358	04Nov10 0841 by 258	04Nov10 1429 by 258		
Cadmium	5 mg/l	98.5	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	5 mg/l	99.0	85.0-115	0.543	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Chromium	0.5 mg/l	100	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	0.5 mg/l	102	85.0-115	1.30	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Copper	0.5 mg/l	102	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	0.5 mg/l	102	85.0-115	0.573	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Lead	5 mg/l	90.7	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	5 mg/l	91.4	85.0-115	0.777	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Nickel	0.5 mg/l	101	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	0.5 mg/l	102	85.0-115	0.962	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Silver	0.1 mg/l	101	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	0.1 mg/l	103	85.0-115	1.78	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		
Zinc	0.5 mg/l	102	85.0-115			S28874	02Nov10 0825 by 297	03Nov10 1539 by 270		
	0.5 mg/l	103	85.0-115	0.850	20.0	S28874	02Nov10 1353 by 271	03Nov10 1542 by 270		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Cadmium	142917-1	5 mg/l	94.5	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	5 mg/l	94.8	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		0.292	20.0	S28874				
Chromium	142917-1	0.5 mg/l	93.9	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	0.5 mg/l	95.7	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		1.84	20.0	S28874				
Copper	142917-1	0.5 mg/l	99.9	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	0.5 mg/l	100	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		0.409	20.0	S28874				
Lead	142917-1	5 mg/l	84.9	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	5 mg/l	85.5	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		0.703	20.0	S28874				
Nickel	142917-1	0.5 mg/l	95.1	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	0.5 mg/l	95.6	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		0.540	20.0	S28874				
Silver	142917-1	0.1 mg/l	96.0	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	0.1 mg/l	92.9	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		3.31	20.0	S28874				
Zinc	142917-1	0.5 mg/l	101	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1544 by 270		
	142917-1	0.5 mg/l	101	75.0-125	S28874	02Nov10 0825 by 297	03Nov10 1547 by 270		
	Relative Percent Difference:		0.329	20.0	S28874				

AMERICAN INTERPLEX CORPORATION
LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: Industrial Metal Finishing
Project Reference: 10/10
Project Manager: Brian Niswonger
Sampled By: Brian Niswonger

PO No.

SAMPLE MATRIX

ANALYSES REQUESTED[1]

AIC CONTROL NO: 142925
AIC PROPOSAL NO:
Carrier/Tracking No. UPS 1Z 398W203 1006 1326
Received Temperature C 2°C

AIC No.	Sample Identification	Date/Time Collected	GRAB	COMP	WATER	SOIL	NO OF BOTTLES	Cyanide	Metals	Remarks
1	C 10/10	3:50pm 11/1/10		✓	✓		1	✓	✓	
1	M 10/10	3:55pm 11/1/10		✓	✓		1			
		Container Type						P	P	Field pH calibration
		Preservative						B	N	on _____ @ _____ Buffer:

G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate
NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate

Turnaround Time Requested: (Please circle)
NORMAL or EXPEDITED IN ____ DAYS
Expedited results requested by: _____
Who should AIC contact with questions: _____
Phone: 870-886-7531 Fax: _____
Report Attention to:
Report Address to:
bniswonger@indmetalfinishings.com

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] 5:10pm	11/1/10 5:10pm		
Relinquished By:	Date/Time	Received in Lab By: Angie Hopton	Date/Time 11-2-10 0930

Comments: Required Reporting Limit for Metals must be identified on back of COC.
Samples were taken every 2 hrs during a 8 hr period.

19-Oct-09

FORM 0060

AMERICAN INTERPLEX CORPORATION
LABORATORIES

Industrial Metal Finishing Inc.
Post Office Box 326
Pocahontas, AR 72455

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W34358-1	04Nov10 0841 by 258	04Nov10 1427 by 258	
Cadmium	< 0.004 mg/l	0.004	0.004	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Chromium	< 0.007 mg/l	0.007	0.007	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Copper	< 0.006 mg/l	0.006	0.006	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Lead	< 0.04 mg/l	0.04	0.04	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Nickel	< 0.01 mg/l	0.01	0.01	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Silver	< 0.007 mg/l	0.007	0.007	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	
Zinc	< 0.002 mg/l	0.002	0.002	S28874-1	02Nov10 0825 by 297	03Nov10 1535 by 270	