

Gage, Hannah

From: Gilliam, Allen
Sent: Thursday, June 30, 2016 10:00 AM
To: 'Mark Moore'
Cc: Gage, Hannah; Leamons, Bryan; 'pocawater@suddenlinkmail.com'
Subject: AR0034835_ESNA ARP001048 June 2016 semi annual Pretreatment report_20160630
Attachments: [Untitled].pdf

Mark,

ESNA's June 2016 semi-annual Pretreatment report was electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically in compliance with the Metal Finishing standards in 40 CFR 433.14 using the combined wastestream formula in 40 CFR 403.6.

Thank you for submitting the calculations for the alternative concentration limits taking into account your dilution streams.

The suggestion of connecting the dilution stream(s) to the sanitary line instead of the regulated wastewater line is not required. It was only suggested to remove any doubts or confusion about future dilution factors.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: William Daniel, City of Pocahontas Plant Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Mark Moore [<mailto:mmoore@esnaproducts.com>]
Sent: Wednesday, June 29, 2016 12:36 PM
To: Gilliam, Allen
Subject: Semi annual report from ESNA

Mr. Gilliam,

Steve and I went through the report and compared it to the reports in the past. We had made an error on location of a decimal point in our calculations. We move the sanitary out of the calculation also. We will also have the noncontact water moved by the end of the month as you suggested. Thank you for all the help. Sorry that we made the mistake and took up your time.

Thank you,
Mark Moore
ESNA

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 # _____

<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>ESNA 611 Country Club Road Pocahontas, Ark 72455</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>ESNA 611 Country Club Road Pocahontas, Ark 72455</p>
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C. FACILITY CONTACT: Mark Moore **TELEPHONE NUMBER:** 870-892-4789 **e-mail:** mmoore@esnaproducts.com

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

<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p>June ___ & December _____</p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: January - 2016 TO: June - 2015</p>
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(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><input checked="" type="checkbox"/> Electroplating <input checked="" type="checkbox"/> Electroless Plating <input checked="" type="checkbox"/> Anodizing <input checked="" type="checkbox"/> Coating (conversion) <input checked="" type="checkbox"/> Chemical Etching and Milling <input checked="" type="checkbox"/> Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)¹</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p>___ Passivate Rinse Tank _____ _____ _____ _____ _____</p>	<p>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.</p>
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¹SEE 40CFR433.10(n) FOR THE 40 ANCILLARY OPERATIONS

<p>C. Number of Regular Employees at this Facility <u>75</u></p>	<p>D. [Reserved]</p>
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(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Cyanide)	2514	4641	Continuous
'403.6(e) Unregulated*	N/A	N/A	N/A
'403.6(e) Dilute	121.4	217	Continuous
Cooling Water	1934	3571	Continuous
Sanitary	724	1004	Continuous
Total Flow to POTW	5174	9220	*****

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

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

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

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

B. COMMENTS ON TREATMENT SYSTEM

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

40 CFR 433.15 Pollutant(mg/l) limits	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	.371	1.491	1.819	.371	2.142	.231	1.404	.646	1.997
Monthly Avg	.140	.920	1.114	.231	1.281	.129	.796	.350	--
Max Measured	<.004	.30	.22	<.04	.20	<.007	.30	<.01	N/A
Avg Measured**	<.004	.30	.22	<.04	.20	<.007	.30	<.01	N/A

Sample Location Pretreatment system Effluent

Sample Type (Grab* or Composite) Grab/Composite

If Grab sampled, list # of grabs over what period of time 1 over 24 hours _____ and if composited by facility _____ or the certified lab X.

Number of Samples and Frequency Collected 1 per Semi-Annual _____

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

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

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

Indicate Combined Wastestream Factor (include calculations) if dilution streams commingle with regulated process wastestream: .538

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

B. CHECK ONE: '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

David Merwitz
(Typed/Printed Name)

(Corporate Officer or authorized representativesignature)

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 Conservation:

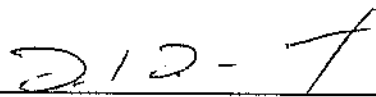
1. _____
2. _____
3. _____
4. _____
5. _____

(8) GENERAL COMMENTS

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

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

David Merwitz
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE


SIGNATURE

General Manager
OFFICIAL TITLE

6/20/2016
DATE SIGNED

Water from City			Total Process Flow to City				
Year	2016 Days	Gal. Avg	Flow Total	Year	2016 Days	Gal. Avg	Flow Total
Dec	30	3447	103400	Dec	39	8216	320432
Jan	32	4544	145400	Jan	31	6609	204873
Feb	29	6576	190700	Feb	32	512	16395
Mar	29	3207	93000	Mar	28	3689	103294
Apr	33	1527	50400	Apr	30	4483	134482
May	30	3173	95200	May	30	3188	95641
		Avg Flow	3746			Avg. Used	4450
		Max Flow	6576			Max Used	8216

1. Update months depending on 1st half or 2r
2. Update days on calendar basis
3. Get water bills as outlined in call out
4. Flow meter reading to be taken and record
Maintenance Dept.

These are monthly readings from water bills. Water bills are located in Accounting department. Flow total column is only one that needs to be populated, rest will calculate.

These are monthly readings from flow meter at Weir (oil & water separation unit) located at Northeast corner of property. Reading to be taken first working day on or near the 8th day of each month.

Avg Flow for 1-1-16 to 6-30-16

1547 GPD	Well Water	1547 GPD	Hydraulic Press non-contact cooling water - non-regulated dilution		
		387 GPD	LepeI Induction Heater non-contact cooling water - non-regulated dilution		
		1523 GPD	Passivate rinse tank - regulated		
					Water used from City 3746 GPD
3021 GPD	City Water	968 GPD	Rust Removal rinse tank - regulated		
		23 GPD	Product Deburring - regulated	IN 2514 GPD	Aeration Mixing Basin OUT TO CITY 4,450 GPD
		115 GPD	Mop water - dilute		
		1 GPD	Salt Spray blow down - dilute		Total Regulated = 2514 GPD
		3.1 GPD	Lab - dilute		
		1 GPD	Air compressor blow down - dilute		Total Dilute Flow = 2055 GPD
		1 GPD	Boiler blow down - dilute		
			Avg. Flow		
		Regulated Total	2514		
		Dilute	121.4		
		Cooling Water	1934		
		Sanitary	725		
		Total Flow at Sample Point to POTW	5174		

Max Flow for 1-1-16 to 6-30-16

2857 GPD	Well Water	2857 GPD	Hydraulic Press non-contact cooling water - non-regulated dilution		
		715 GPD	LepeI Induction Heater non-contact cooling water - non-regulated dilution		
		2812 GPD	Passivate rinse tank - regulated		
					Water used from City 6576 GPD
5572 GPD	City Water	1787 GPD	Rust Removal rinse tank - regulated		
		43 GPD	Product Deburring - regulated	IN 4641 GPD	Aeration Mixing Basin OUT TO CITY 8,216 GPD
		213 GPD	Mop water - dilute		
		1 GPD	Salt Spray blow down - dilute		Total Regulated = 4641 GPD
		1.0 GPD	Lab - dilute		
		1 GPD	Air compressor blow down - dilute		Total Dilute Flow = 3788 GPD
		1 GPD	Boiler blow down - dilute		
			Avg. Flow		
		Regulated Total	4641		
		Dilute	217		
		Cooling Water	3571		
		Sanitary	1004		
		Total Flow at Sample Point to POTW	9220		

Waste Stream Factor

Total flow at Sample Point to City = Total Regulated + Total Dilute Flow

Combined wastestream factor is total regulated divided
by total flow at sample point

Flow Total at Sample Point	Minus	Diluted Flow	Divided by	Flow Total at Sample Point	Equals	Waste Stream Factor
4450		2055		4450		0.538

PSES for All Plants Except Job Shops and Independent Printed Circuit Board Manufacturers

Pollutant or pollutant property	Maximum for any 1 day Milligrams per liter (mg/l)	Monthly average shall not exceed
Cadmium (T)	0.69	0.26
Chromium (T)	2.77	1.71
Copper (T)	3.38	2.07
Lead (T)	0.69	0.43
Nickel (T)	3.98	2.38
Silver (T)	0.43	0.24
Zinc (T)	2.61	1.48
Cyanide (T)	1.2	0.65
TTO	2.13	

Wastestream factor 0.538

Pollutant or pollutant property	Maximum for any 1 day Milligrams per liter (mg/l)	Monthly average shall not exceed
Cadmium (T)	0.371	0.140
Chromium (T)	1.491	0.920
Copper (T)	1.819	1.114
Lead (T)	0.371	0.231
Nickel (T)	2.142	1.281
Silver (T)	0.231	0.129
Zinc (T)	1.404	0.796
Cyanide (T)	0.646	0.350
TTO	1.146	

WIER Date	Totalizer Reading	Days	Monitoring Avg per day	Reading		
12/1/2015	0			Reset		
12/16/2015	138647	16	8665			
12/28/2015	215025	28	7679			
1/4/2016	274071	35	7831			
1/4/2016	0			Reset		
1/5/2016	10793	1	10793			
1/6/2016	23029	2	11515			
1/7/2016	36751	3	12250			
1/8/2016	46361	4	11590	Water	Meter	Read
1/8/2016	0			Reset		
1/11/2016	17733	3	5911			
1/13/2016	30124	5	6025			
1/14/2016	35487	6	5915			
1/18/2016	61233	10	6123			
1/29/2016	133498	21	6357			
2/5/2016	192481	28	6874			
2/8/2016	204873	31	6609			
2/8/2016	0			Reset		
2/15/2016	34820	7	4974			
2/19/2016	59941	11	5449			
2/26/2016	91580	18	5088			
3/4/2016	121957	25	4878			
3/11/2016	163975	32	5124			
3/11/2016	0			Reset		
3/18/2016	20468	7	2924			
3/25/2016	Holiday					
4/1/2016	78509	21	3739			
4/8/2016	103294	28	3689			
4/8/2016	0			Reset		
4/18/2016	82064	10	8206			
4/22/2016	93631	14	6688			
5/9/2016	134482	30	4483			
5/9/2016	0			Reset		
5/16/2016	9168	7	1310			
5/23/2016	37245	14	2660			
5/31/2016	63704	21	3034			
6/8/2016	95641	30	3188			
6/8/2016	0			Reset		

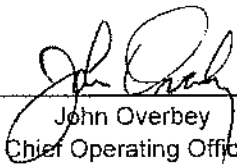


ESNA
ATTN: Mr. Mark Moore
611 Country Club Road
Pocahontas, AR 72455

This report contains the analytical results and supporting information for samples submitted on May 20, 2016. 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 Chief Operating Officer or a qualified designee.



John Overbey
Chief Operating Officer

This document has been distributed to the following:

PDF cc: ESNA
ATTN: Mr. Mark Moore
mmoore@esnaproducts.com



ESNA
611 Country Club Road
Pocahontas, AR 72455

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on May 20, 2016
433 Report - ADEQ
P.O. No. 30225-00

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:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
202360-1	001	19-May-2016 0500	
202360-2	002	19-May-2016 0500	

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", (SM).
"American Society for Testing and Materials" (ASTM).
"Association of Analytical Chemists" (AOAC).

ESNA
611 Country Club Road
Pocahontas, AR 72455

ANALYTICAL RESULTS

AIC No. 202360-1

Sample Identification: 001 19-May-2016 0500

Analyte	Result	RL	Units	Qualifier
Total Cyanide	< 0.01	0.01	mg/l	
SM 4500-CN C.E 1999	Prep: 23-May-2016 0741 by 319	Analyzed: 23-May-2016 1037 by 319	Batch: W56000	

AIC No. 202360-2

Sample Identification: 002 19-May-2016 0500

Analyte	Result	RL	Units	Qualifier
Cadmium	< 0.004	0.004	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Chromium	0.30	0.007	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Copper	0.22	0.006	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Lead	< 0.04	0.04	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Nickel	0.20	0.01	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Silver	< 0.007	0.007	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	
Zinc	0.30	0.002	mg/l	
EPA 200.7	Prep: 20-May-2016 1353 by 317	Analyzed: 20-May-2016 1612 by 317	Batch: S41169	



ESNA
 611 Country Club Road
 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	98.6	85.0-115			W56000	23May16 0742 by 319	23May16 1036 by 319		
Cadmium	5 mg/l	95.5	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Chromium	0.5 mg/l	91.5	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Copper	0.5 mg/l	100	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Lead	5 mg/l	98.0	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Nickel	0.5 mg/l	96.4	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Silver	0.1 mg/l	104	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		
Zinc	0.5 mg/l	94.9	85.0-115			S41169	20May16 1353 by 317	20May16 1545 by 317		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	202360-1	0.1 mg/l	97.9	75.0-125	W56000	23May16 0742 by 319	23May16 1036 by 319		
	202360-1	0.1 mg/l	98.2	75.0-125	W56000	23May16 0742 by 319	23May16 1040 by 319		
	Relative Percent Difference:		0.306	20.0	W56000				
Cadmium	202344-2	5 mg/l	97.4	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	5 mg/l	97.3	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.141	20.0	S41169				
Chromium	202344-2	0.5 mg/l	93.5	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	0.5 mg/l	93.8	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.280	20.0	S41169				
Copper	202344-2	0.5 mg/l	102	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	0.5 mg/l	102	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.00370	20.0	S41169				
Lead	202344-2	5 mg/l	99.9	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	5 mg/l	99.7	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.257	20.0	S41169				
Nickel	202344-2	0.5 mg/l	98.1	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	0.5 mg/l	98.1	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.0121	20.0	S41169				
Silver	202344-2	0.1 mg/l	106	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	0.1 mg/l	107	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.243	20.0	S41169				
Zinc	202344-2	0.5 mg/l	96.6	75.0-125	S41169	20May16 1353 by 317	20May16 1550 by 317		
	202344-2	0.5 mg/l	96.3	75.0-125	S41169	20May16 1353 by 317	20May16 1554 by 317		
	Relative Percent Difference:		0.271	20.0	S41169				



ESNA
 611 Country Club Road
 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	W56000-1	23May16 0742 by 319	23May16 1034 by 319	
Cadmium	< 0.004 mg/l	0.004	0.004	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Chromium	< 0.007 mg/l	0.007	0.007	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Copper	< 0.006 mg/l	0.006	0.006	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Lead	< 0.04 mg/l	0.04	0.04	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Nickel	< 0.01 mg/l	0.01	0.01	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Silver	< 0.007 mg/l	0.007	0.007	S41169-1	20May16 1353 by 317	20May16 1540 by 317	
Zinc	< 0.002 mg/l	0.002	0.002	S41169-1	20May16 1353 by 317	20May16 1540 by 317	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: ESNA			PO No. 30725-00 30725-00		NO OF BOTTLES	ANALYSES REQUESTED										AIC CONTROL NO: 202360		
Project Reference: 433 Report - ADEC			MATRIX			Cyanide Metals											AIC PROPOSAL NO:	
Project Manager:																	Carrier: UPS	
Sampled By:			G R A B	C O M P	W A T E R	S O I L											Received Temperature C 0.6	
AIC No.	Sample Identification	Date/Time Collected															Remarks	
1	001	5/19/16 5AM	X		X		1	X										
2	002	5/18/16 7:AM		X	X		1		X									
	002	5/19/16 5AM		X														
Container Type													Field pH calibration on _____ @ _____					
Preservative													Buffer:					
G = Glass NO = none			P = Plastic S = Sulfuric acid pH2			V = VOA vials N = Nitric acid pH2			H = HCl to pH2 B = NaOH to pH12			T = Sodium Thiosulfate Z = Zinc acetate			A = (NH ₄) ₂ SO ₄ , NH ₄ OH			
Turnaround Time Requested: (Please circle) NORMAL or EXPEDITED IN <u>1</u> DAYS					Relinquished By: Mark Moore		Date/Time: 5/19/16 12:35		Received By:		Date/Time:							
Expedited results requested by: Mark Moore					Relinquished By:		Date/Time:		Received in Lab By: D. BROWN		Date/Time: 5-20-16 1005							
Who should AIC contact with questions: Phone: _____ Fax: 870-892-4789					Comments:							12 718 314 01 543 8548						
Report Attention to: Report Address to: @ dmerwitz@esna products.com																		
Email Address: m.moore@esna products.com																		



MACLEAN-ESNA

Shipping Order #:

8660

611 Country Club Road
Pocahontas, Arkansas 72455

(870) 892-5201

Date: 5/18/2016

Sold To
AMERICAN INTERPLEX
8600 KANIS ROAD
LITTLE ROCK AR 72204

Ship To
AMERICAN INTERPLEX
8600 KANIS ROAD
LITTLE ROCK AR 72204

Terms: FOB: Carrier: PO#: 30025

Ordered	Shipped	ItemNumber	Description	Notes
	2		weir compsite samples to be tested	
			Send test results to	
			Mark Moore mmoore@esnaproducts.com and	
			Stacy Hoggard shoggard@esnaproducts.com	

American Interplex Corporation
Attn: Sample Receiving
8600 Kanis Road
Little Rock, AR 72204

IT IS UNDERSTOOD AND ACCEPTED BY THE CONSIGNEE ACCEPTS THE MATERIALS OR ARTICLES LISTED ABOVE SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN AND IN THE RELATED PURCHASE ORDER

IMPORTANT - Unless notified by consignee of any errors in quantities within 3 days after receipt, our count will be considered as final and conclusive. All materials or articles shipped for processing, repair or construction work, unless charged to consignee, will be deemed to be held by consignee as upon consignment, and consignee agrees to pay for all articles or materials not satisfactorily accounted for.

Date of Shipment 5/18/2016	Number of Containers 1 Box	Weight 10#	Shipping Dept:	Checked By:
Releasing Dept Mark Moore	Class	Received By:		

S. Hoggard Signature Date 5/19/16