

Allen

SEMI-ANNUAL REPORT FOR USERS REGULATED BY THE ALUMINUM FORMING CATEGORY

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

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Saint Jean Industries Inc.
424 Industrial Park Rd.
Heber Springs AR 72543

AFIN: 12-00058
Permit #: ARP001050

B. FACILITY & LOCATION ADDRESS

Same as Legal Name & Mailing Address

C. FACILITY CONTACT: Greg Cothren, EHS Coordinator

TELEPHONE NUMBER: 501-362-9572

(2) REPORTING PERIOD--FISCAL YEAR May 2010

A. MONTHS WHICH REPORTS ARE DUE

May & November

B. PERIOD COVERED BY THIS REPORT

FROM: 11-1-2009 TO: 4-30-2010

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES per 40 CFR Part 467 Subpart D
Pretreatment standards for new sources

<u>PROCESS</u>	<u>PRODUCTION--off/lbs</u>	<u>PROD'N DAYS*</u>
§467.46 Core (MWS)	N/A	
§467.46 Sol Ht Trt	5,794,551	
§467.46 Clean/Etch Bath	N/A	
§467.46 Clean/Etch Rinse	N/A	

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.



*Complete/compliant
no action necessary*

*ARP001050
12-00058*

AF

*Show dates and number of days between dates.

C. Number of Regular Employees at this Facility 220

D. [Reserved]

SEMI-ANNUAL REPORT CON'D

FACILITY NAME: Saint Jean Industries-Heber Springs AR

(4) FLOW MEASUREMENT (CON'D)

B. INDIVIDUAL PROCESS WASTESTREAMS DISCHARGED TO POTW

Operation	Ave Tot Flow ¹	Gals & Number ²	Type of Discharge	No. Disc Days
§467.46 Core-Misc. WS	NA			*****
§467.46 Sol Heat Trt.	1415	*****	Continuous	173
§467.46 C/E Bath	N/A			
§467.46 C/E Rinse	N/A			
Total Regulated	1415			173
§403.6(e) Unregulated ³	NA			
§403.6(e) Dilute	NA			
Non-Contact Cool. Water	1913	*****	Continuous	173
Sanitary	5520	*****	Continuous	173
Total Flow to POTW	8,848	*****	*****	*****

¹"Ave Tot Flow" is the "total gallons discharged divided by the number of discharge days" during the reporting period. Note that "Ave Tot Flow" times "No. Disc Days" must equal the actual total gallons discharged to the POTW for this six month period.

²List the total gallons in each batch and the number of times the batch was released to the POTW; e.g., 300 gal/batch & 4 times.

³"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 ON 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.

Conc. (Mg/l)	Cr		CN-NA		Zn		TTO-NA		O&G		
	SHT		SHT		SHT		SHT		SHT	Bath	Rinse
Max Allow. Conc.	1.41				3.85				37.66		
Ave Allow Conc.	.573				1.59				37.66		
Max Measured Conc.	<.007				.002				<5		
Ave Measured Conc.	<.007				.002				<5		

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. CHECK ONE: CYANIDE ANALYSIS ATTACHED CYANIDE CERTIFICATION PROVIDED BELOW (September SAR Only)

In accordance with §467.03(a), based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standards, I certify that to the best of my knowledge, cyanide has not been used or generated and will not be used or generated in our processes which are regulated by the Aluminum Forming (40 CFR 467.46) categorical pretreatment standards since analyzing the first wastewater sample in January, February, March, April or May of this calendar year; and that the results of the first analysis contained less than 0.07 mg/l cyanide.

Yves Mayet-Plant Manager
(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature

5-17-10

B. CHECK ONE: REQUIRED TOXIC ORGANIC ANAL ATT'D O & G ANAL ATTACHED

In accordance with §467.03(b), as an alternative monitoring procedure for pretreatment, the POTW user may measure and limit oil and grease to the levels shown in Section 5.C in lieu of measuring and regulating total toxic organics (TTO).

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF Cleburne)

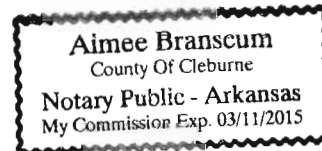
Before me, the undersigned authority, on this day personally appeared Yves Mayet of Saint Jean Industries, Inc. a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein 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 17th day of May, 2010.

Aimee Branscum

Notary Public in and for Cleburne County, Arkansas

My commission expires 3-11-15



SEMI-ANNUAL REPORT CON'D

FACILITY NAME: Saint Jean Industries-Heber Springs AR

(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:

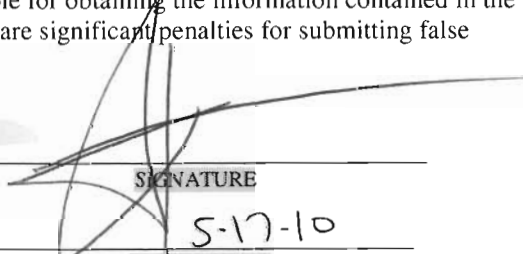
(8) GENERAL COMMENTS

(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 semi-annual compliance 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.

Yves Mayet
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

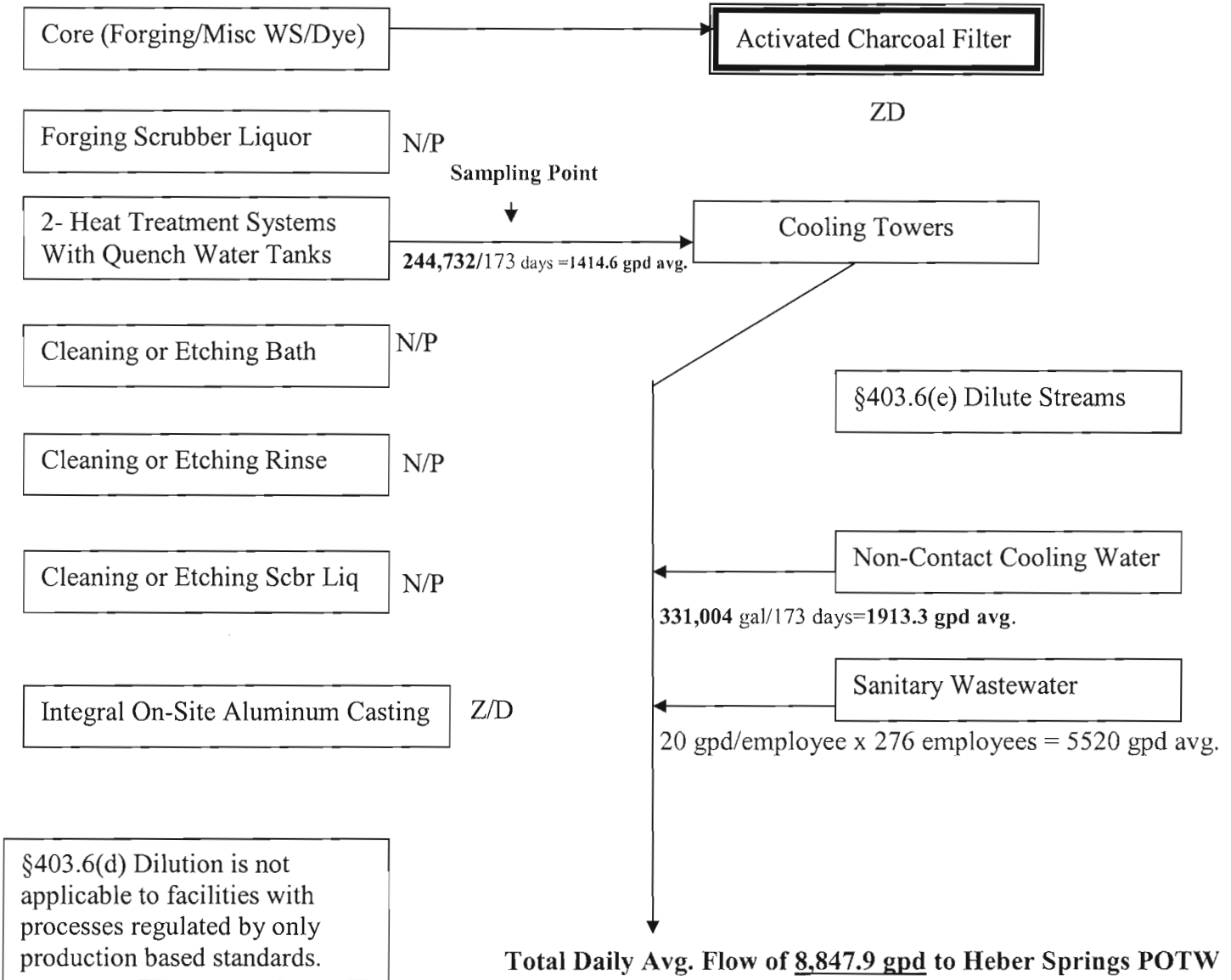
Plant Manager
OFFICIAL TITLE



SIGNATURE
5-17-10

DATE SIGNED

Saint Jean Industries, Heber Springs, AR
AFIN: 12-00058 Permit #: ARP001050
 40 CFR 467.46 Subpart D Forging Sub-category
 Reporting Period: 11/1/2009 to 4/30/2009



§403.6(d) Dilution is not applicable to facilities with processes regulated by only production based standards.

If a stream is not present, show NOT PRESENT or N/P. If a stream is present, the wastewater can enter the POTW but currently has no flow, show 0.0 gpd. If a stream is present but the wastewater cannot enter the POTW, show Zero Discharge or Z/D. If an unregulated stream is present but the User has decided not to declare it at this time, show N/P.

[Signature] _____ 5/17/10
 Signature of §403.12(b) Professional Date

certify under penalty of law that I have personally examined and am familiar with the information in this document and that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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.

[Signature] _____ 5-17-10
 Plant Manager or the authorized §403.12(l) official Date

COOLING WATER DISCHARGE LOG

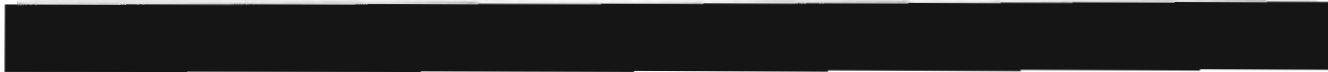
May 2009 thru October 2009

QUENCH			CASTING		
11/4/2009 Reading: 4,546,866			11/4/2009 Reading: 5,919,498		
Nov	Discharge	30,234	Nov	60,788	
12/02/10 Reading: 4,577,100			Reading: 5,980,286		
Dec	Discharge	39,215	Dec	66,437	
01/06/10 Reading: 4,616,314			Reading: 6,046,723		
Jan	Discharge	77,878	Jan	60,047	
2/8/2010 Reading: 4,694,192			Reading: 6,106,770		
Feb	Discharge	30,945	Feb	51,379	
3/3/2010 Reading: 4,725,138			Reading: 6,158,149		
March	Discharge	34,384	March	62,214	
4/19/2010 Reading: 4,759,521			Reading: 6,220,363		
April	Discharge	32,077	April	30,139	
5/6/2010 Reading: 4,791,598			Reading: 6,250,502		

Six Month Total Discharge Quench 244732
 Days: 173

Casting 331004

6 Month Average	40,789	55,167
Daily Average=	1415	1913
High Month=	77,878 (Jan `10)	66,437 (Dec `09)



Monthly Chemical Allowances Calculations

	Maximum for any 1 day	Maximum for Monthly Average	Daily	Monthly Avg	Conversion Factor (8.34) to mg/l	Conversion Factor (8.34) to mg/l Max Monthly Avg
Chromium	0.76	0.31	0.025	0.01038	2.16	0.880
Zinc	2.08	0.86	0.070	0.02881	5.90	2.44
Oil & Grease	20.37	20.37	0.682	0.68228	57.82	57.82

Production lbs **5,794,551** off/lbs millions 5.794551 mil-lbs/day **0.0335**

Heat Treat **1415** Avg.gal per day **0.001415**

Water Discharge **1415** Avg.gal per day

Days in Period **173**

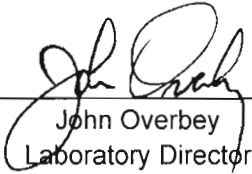


Saint Jean Industries
ATTN: Mr. Greg Cothren
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

This report contains the analytical results and supporting information for the sample submitted on April 5, 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

Saint Jean Industries
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on April 5, 2010
Semi-Annual Water Sample
Heat Treat
P.O. No. HS-PO000004204

Receipt Details:

A complete Chain of Custody was provided. The samples were delivered in one (1) ice chest.

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>
137514-1	Heat Treat 4/5/10 1:45pm	05-Apr-2010 1345	

Case Narrative:

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

Quality Control Statement:

Data has been validated using standard quality control measures performed on at least 10% of the samples analyzed. Quality Assurance, instrumentation, maintenance and calibration were performed in accordance with guidelines established by the cited methodology.

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).

Saint Jean Industries
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

ANALYTICAL RESULTS

AIC No. 137514-1

Sample Identification: Heat Treat 4/5/10 1:45pm

Analyte		Result	RL	Units	Qualifier
Chromium		0.0071	0.007	mg/l	
EPA 200.7	Prep: 07-Apr-2010 1100 by 286	Analyzed: 08-Apr-2010 1058 by 270		Batch: S27536	
Zinc		0.28	0.002	mg/l	
EPA 200.7	Prep: 07-Apr-2010 1100 by 286	Analyzed: 08-Apr-2010 1058 by 270		Batch: S27536	
Oil and Grease		< 5	5	mg/l	
EPA 1664A	Prep: 06-Apr-2010 1333 by 100	Analyzed: 06-Apr-2010 1620 by 100		Batch: B6272	

Saint Jean Industries
Cast/Forged Products
424 Industrial Park Road
Heber Springs, AR 72543

LABORATORY CONTROL SAMPLE RESULTS

<u>Analyte</u>	<u>Spike Amount</u>	<u>%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>	<u>Batch</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Chromium	0.5 mg/l	96.8	85.0-115			S27536	07Apr10 1101 by 286	08Apr10 0950 by 270		
	0.5 mg/l	99.3	85.0-115	2.47	20.0	S27536	07Apr10 1101 by 286	08Apr10 0953 by 270		
Zinc	0.5 mg/l	100	85.0-115			S27536	07Apr10 1101 by 286	08Apr10 0950 by 270		
	0.5 mg/l	100	85.0-115	0.235	20.0	S27536	07Apr10 1101 by 286	08Apr10 0953 by 270		
Oil and Grease	40 mg/l	98.0	78.0-114			B6272	06Apr10 1334 by 100	06Apr10 1620 by 100		
	40 mg/l	98.0	78.0-114	0.00	20.0	B6272	06Apr10 1334 by 100	06Apr10 1620 by 100		

MATRIX SPIKE SAMPLE RESULTS

<u>Analyte</u>	<u>Sample</u>	<u>Spike Amount</u>	<u>%</u>	<u>Limits</u>	<u>Batch</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Chromium	137513-1	0.5 mg/l	94.4	75.0-125	S27536	07Apr10 1101 by 286	08Apr10 0955 by 270		
	137513-1	0.5 mg/l	93.7	75.0-125	S27536	07Apr10 1101 by 286	08Apr10 0959 by 270		
	Relative Percent Difference:		0.745	20.0	S27536				
Zinc	137513-1	0.5 mg/l	102	75.0-125	S27536	07Apr10 1101 by 286	08Apr10 0955 by 270		
	137513-1	0.5 mg/l	100	75.0-125	S27536	07Apr10 1101 by 286	08Apr10 0959 by 270		
	Relative Percent Difference:		1.37	20.0	S27536				

LABORATORY BLANK RESULTS

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>PQL</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Chromium	< 0.007 mg/l	0.007	0.007	S27536-1	07Apr10 1101 by 286	08Apr10 0947 by 270	
Zinc	< 0.002 mg/l	0.002	0.002	S27536-1	07Apr10 1101 by 286	08Apr10 0947 by 270	
Oil and Grease	< 5 mg/l	5	5	B6272-1	06Apr10 1334 by 100	06Apr10 1620 by 100	

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE ___ OF ___

Client: <u>Saint Jean Industries</u>			AIC CONTROL NO: <u>137514</u>		
Project Reference: <u>Semi Annual Water Sample</u>			AIC PROPOSAL NO:		
Project: <u>Heat Treat</u>			Carrier:		
Manager: <u>Greg Cothron</u>			Received Temperature C: <u>2.2</u>		
Sampled By: <u>Greg Cothron</u>			Remarks:		
Sample Identification		Date/Time Collected	G R A B		C O M P
1	Plastic #1	1:45pm 4/5/10	✓		
1	Glass #1	1:46pm 4/5/10	✓		
Container Type			NO = none		
Preservative			NO = none		
NO = none			S = Sulfuric acid pH2		
NO = none			P = Plastic		
NO = none			V = VOA vials		
NO = none			N = Nitric acid pH2		
NO = none			H = HCl to pH2		
NO = none			B = NaOH to pH12		
NO = none			T = Sodium Thiosulfate		
NO = none			Z = Zinc acetate		
Turnaround Time Requested: (Please circle) NORMAL or EXPEDITED IN ___ DAYS			Relinquished Date/Time		
Expedited results requested by:			By: <u>[Signature]</u> Date/Time <u>4/5/10 5:00pm</u>		
Who should AIC contact with questions: <u>Greg Cothron</u>			Received in Lab Date/Time		
Phone: <u>501-362-9500</u> Fax:			By: <u>[Signature]</u> Date/Time <u>4-5-10 5pm</u>		
Report Attention to: <u>Greg Cothron</u>			Comments:		
Report Address to: <u>424 Industrial Park Road</u>					
<u>Heber Springs, Ar. 72543</u>					