

Jamie Belcourt (adpce.ad)

From: Jamie Belcourt (adpce.ad)
Sent: Friday, May 19, 2023 10:36 AM
To: 'HOLLAND Chris'
Cc: SWARTWOOD Matt; ERWIN Kyle
Subject: Saint Jeans Industries' (Pretreatment ID: ARP001050) Semiannual Pretreatment Report for April 2023

Mr. Holland,

Saint Jeans Industries' (Pretreatment ID: ARP001050) Semiannual Pretreatment Report for the April 2023 reporting period was electronically received, reviewed, and deemed complete and compliant with the reporting requirements in 40 CFR § 403.12(e).

If you have any questions, please feel free to contact me.

Regards,

Jamie Belcourt | State Pretreatment Coordinator
Division of Environmental Quality | **Office of Water Quality**
Policy and Administration
5301 Northshore Drive | North Little Rock, AR 72118
t: 501.682.0858 | c: 501.287.8714 | e: jamie.belcourt@adeq.state.ar.us



ARKANSAS
ENERGY & ENVIRONMENT

Jamie Belcourt (adpce.ad)

From: HOLLAND Chris <chris.holland@st-ji.com>
Sent: Tuesday, May 2, 2023 2:42 PM
To: Jamie Belcourt (adpce.ad)
Cc: SWARTWOOD Matt; ERWIN Kyle
Subject: Saint Jean Industries Heber Springs Semi Annual Discharge Report May 2023
Attachments: SJI Cooling Tower Report 05.01.2023.pdf

Good afternoon,

Please see attached Discharge Report for May 2023. Have a great day.



Chris HOLLAND
HSE Coordinator

+1 (501) 362-9536
+1 (501) 691-0045

**Saint Jean
Industries
Inc**

424 Industrial
Park Road
72543 Heber
Springs
www.st-ji.com



(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS

Saint Jean Industries
 424 Industrial Park Road
 Heber Springs, AR 72543

B. FACILITY & LOCATION ADDRESS

Saint Jean Industries
 424 Industrial Park Road
 Heber Springs, AR 72543

C. FACILITY CONTACT: Chris Holland

TELEPHONE NUMBER: 501-691-0045

(2) REPORTING PERIOD

A. MONTHS WHICH REPORTS ARE DUE

May 1st & Nov 1st

B. PERIOD COVERED BY THIS REPORT

FROM: Nov 1, 2022 TO: April, 30 2023

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

§40CFR464 -- Aluminum Casting [Subpart A] Operations*

<u>PROCESS</u>	<u>PROD'N RATE(S)</u> Total for Six Months	<u>PROD'N DAYS</u> # Operating Days
Casting Cleaning	N/P	
Casting Quench	18,828 Metric Tons	180
Die Casting	N/P	
Dust Collection Scbr	N/P	
Grinding Scbr	N/P	
Investment Casting	N/P	
Melting Furnace Scbr	N/P	
Mold Cooling	18,828 Metric Tons	180

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE NEW SCHEMATIC IF APPROPRIATE.

No changes in the process at this time.

* If operation is Not Present in the facility show N/P for Production Rate.

C. Number of Regular Employees at this Facility 451

D. [Reserved]

40CFR464 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Saint Jean Industries

(4) FLOW MEASUREMENT

B. INDIVIDUAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY (GPD)

Process	Average Flow Rate (gpd)	Maximum Flow Rate (gpd)	Type of Discharge (Batch, etc)	Number of Disc Days
§464 Operation [464.16(b)]	4528.6	7,128.0	Batch	180
§464 Operation [464.16(h)]	2541.4	5,185.0	Batch	180
§464 Operation	N/A	N/A	N/A	N/A
§464 - Total	N/A	N/A	N/A	N/A
§403.6(e) Unreg'd*	N/A	N/A	N/A	N/A
§403.6(e) Dilute	N/A	N/A	N/A	N/A
Cooling Water	7070.0	12,313.0	Batch	180
Sanitary	3,720.0	4,000.0	Batch	180
Total Plant Flow	10,790.0	16,313.0	*****	*****

*"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 Chemical Phosphonate (Chemical Suspension)
- None

B. COMMENTS ON TREATMENT SYSTEM

Cooling tower discharge readings are recorded once weekly and averaged to determine gallons per day of discharge. Weekly Discharge readings were used from November 1st, 2022 thru April, 30th 2023 to calculate an average 7,070.0 gallons per day of wastewater being discharged to the publicly owned treatment works.

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*	Phenol	O&G
MEC	User Must Comply with the Published 40CFR464 Standards / Max Equivalent Conc Not Applicable										
AEC	User Must Comply with the Published 40CFR464 Standards / Ave Equivalent Conc Not Applicable										
AMMC <small>Average Monthly Measured Concentration</small>	< 0.0012	0.0125	0.0208	<0.0312	<0.0104	<0.0208	0.078	<0.010	N/A	<0.005	<4.81
AMAC <small>Average Monthly Allowable Concentration</small>	< 0.0012	0.0125	0.0208	<0.0312	<0.0104	<0.0208	0.078	<0.010	N/A	<0.005	<4.81

*PROVIDE THE CONCENTRATION HERE IF NO CERTIFICATION IS PROVIDED IN SECTION 6 BELOW OR MARK N/A IF A CERTIFICATION IS PROVIDED; FACILITIES REGULATED BY §433 MUST MONITOR FOR TTO OR SUBMIT TOMP.

Sample Location Cooling Tower

Sample Type (Grab or Composite) GRAB

Number of Samples and Frequency Collected 1 Sample (sampled once every 6 months)

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION {Reserved}

[Space Reserved]

[Space Reserved]

[Space Reserved]

(7) GENERAL COMMENTS

(8) 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.

Fabrice Grenouillat

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

Plant Manager

OFFICIAL TITLE

5/02/2023

DATE SIGNED

