SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR464 & 468

Attn: Water Div/NPDES Pretreatment Cert Mail 7009 1410 0000 8550 3762 Allen

(1) IDENTIFYING INFORMATION

A. LEGAL NAME & MAILING ADDRESS	B. FACILITY & LOCATION ADDRESS
Mueller Copper Tube Products, Inc. PO Box 309 Wynne, AR 72396	Mueller Copper Tube Products, Inc 1525 North Falls Blvd Wynne, AR 72396

C. FACILITY CONTACT: Charles Blanton TELEPHONE NUMBER: 870-208-1010 E-MAIL ADDRESS: cblanton@muellerindustries.com

(2) REPORTING PERIOD

A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT
December, 2009 & June, 2010	FROM: December 2009 TO: May 2010

(3) DESCRIPTION OF OPERATION

A. REGULATED PROCESSES

§40CFR464 – Metal Molding & Casting Point Source Category
Copper Casting [Subpart B] Operations

PROCESS	PROD'N RATE(S) Total for Six Months	PROD'N DAYS # Operating Days
Direct Chill Casting 40CFR464.24(b)	0	0

All other Copper Casting Operations are Not Present in this Facility

§40CFR468 – Copper Forming Point Source Category
Copper Forming [Subpart A] Operations

Drawing Spent Lubricant 40CFR468.14(c)	136,643,930	103
Solution Heat Treatment 40CFR468.14(d)	18,889,870	103

All other Copper Forming Operations are Not Present in this Facility

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.

None

2005

RECEIVED
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By VH

Compliant/Complete
No further action necessary
AF

ARP0000036

C. Number of Regular Employees at this Facility 135

D. [Reserved]

40CFR464 SEMI-ANNUAL REPORT CON'D FACILITY NAME: __Mueller Copper Tube Prod., Inc.

(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
§464.25(b) Direct Chill Casting	0	0	Continuous	0
§468.14(c) Draw Spent Lubricant	5,300	10,000	Continuous	102
§464.14(d) Solution Heat Treatment	250	500	Batch	102
Total Regulated Flow	5,550	18,500	**********	**********
§403.6(e) Unreg'd*	NA	NA	NA	NA
§403.6(e) Dilute	NA	NA	NA	NA
Cooling Water	NA	NA	NA	NA
Sanitary	8,000	8,000	Batch	180
Total Plant Flow			**********	**********

*"Unregulated" has a precise legal meaning; see 40 CFR 403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Oil skimmer
- Ferric chloride
- Lime
- Ionic polymer
- Clarifier
- Filter press

B. COMMENTS ON TREATMENT SYSTEM

NA

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
Max Allowable Conc	NA	2.277	9.872	0.755	9.986	NA	7.595	NA	NA	NA	104.093
Ave Allowable Conc	NA	0.927	5.205	0.671	6.580	NA	3.149	NA	NA	NA	62.456
Max Measured Conc	NA	0.001	0.178	ND	0.325	NA	0.014	NA	NA	NA	14.4
Ave Measured Conc	NA	0.001	0.089	ND	0.140	NA	0.011	NA	NA	NA	6

Sample Location _____ Behind West Building Casting Operation_____

Sample Type (Grab or Composite)_____ Sample Dependent_(Grab or Composite)_____

Number of Samples and Frequency Collected__6 samples collected / once per month__

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

40CFR464 SEMI-ANNUAL REPORT CON'D FACILITY NAME: Mueller Copper Tube Prod., Inc.

(7) GENERAL COMMENTS

Facility Permits:	Permit #	Expiration Date
Air	1027-AOP-R7	6/14/2014
NPDES	ARR0049476	2/28/2013
Stormwater	ARR00A658	3/31/2009

Process Description

Mueller Copper Tube Products, Inc. (formerly Halstead Metal Products) owns and operates a copper tubing manufacturing facility located at 1525 North Falls Boulevard in Wynne, Arkansas. This facility accepts copper from a number of sources. It heats, melts, and forms the copper into high purity logs, which are used as the starting material for the copper tubing manufactured on-site.

The manufacturing process begins with the melting of scrap and virgin copper to produce copper suitable for Mueller's production specifications. The material is placed into an electric arc furnace and heated to approximately 2150°F with a maximum temperature of 2250°F. The casting utilizes Direct Chill Casting and is regulated under 40 CFR 464.25(b). Particulate emissions from the furnace are controlled by a ten-compartment Wheelabrator baghouse. Emissions that escape the furnace during loading/processing and start-up activities exit through the plant ventilation system.

Molten copper from the furnace is cast into copper logs (billets). These logs are 24 feet long and 0.92 feet in diameter. The logs are then sawed into 25.5 inch long billets for further processing. The billets are then heated between 1500 - 1650°F in one of two billet heaters before being placed into the extrusion press. The billet is then extruded in order to form a tube. Emissions generated during this process (insignificant activity) exit through the plant ventilation system to the outside atmosphere. The process utilizes Solution Heat Treatment and subsequently falls under 40 CFR 468.14(d)

The tubing manufacturing process consists of sawing, drawing, straightening, coiling, and annealing. The annealing furnace heats the tubing in a non-oxidizing environment so that the formation of copper oxide is kept to a minimum and the copper exits the annealing oven bright and shiny. Miscellaneous operations at this facility consist of scrap metal bailing, standby power generation, and maintenance operations. These processes is subject to 40 CFR 468.14(c).

(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.

Charles Blanton

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

Corporate Dir EH&S

OFFICIAL TITLE

6/11/2010

DATE SIGNED

(6) CERTIFICATION {Reserved}

[Space Reserved]

[Space Reserved]

STATE OF ARKANSAS
COUNTY OF **CROSS**

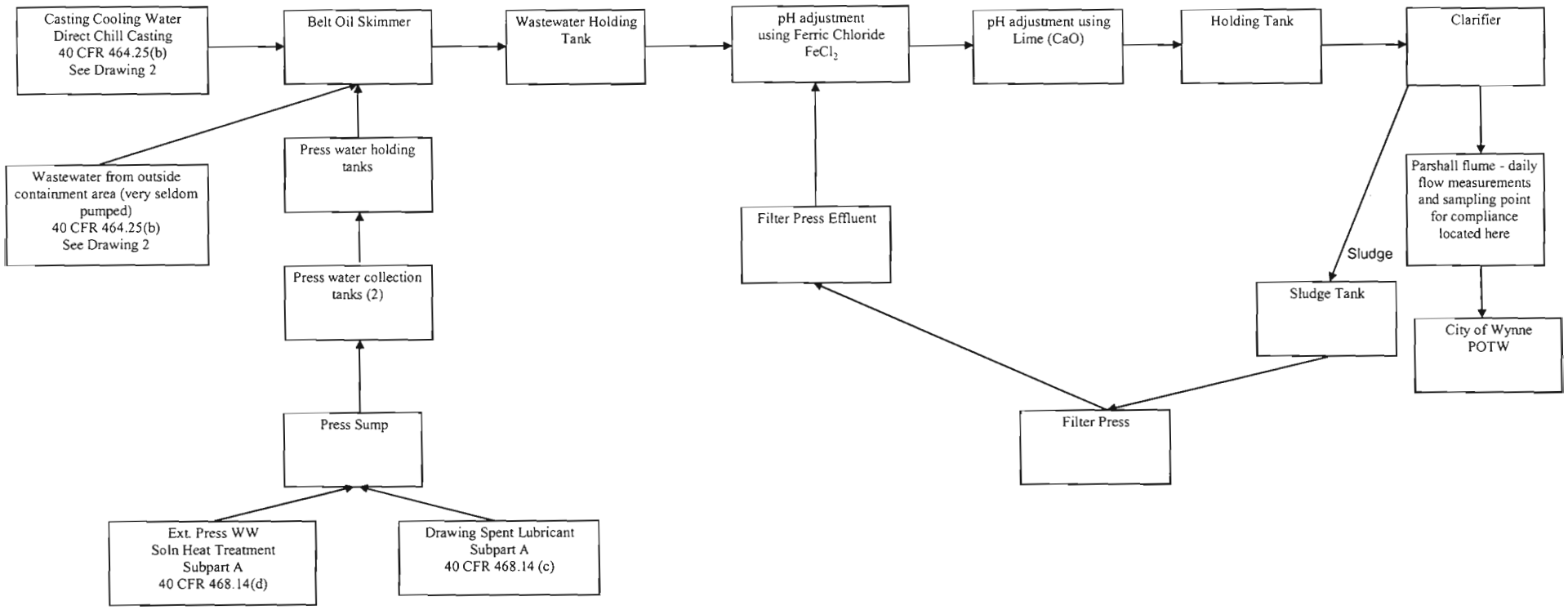
Before me, the undersigned authority, on this day personally appeared Charles B. Blanton of Mueller Copper Tube Products Inc a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations 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 11 day of June 2009.

Notary Public in and for Cross County, Arkansas.

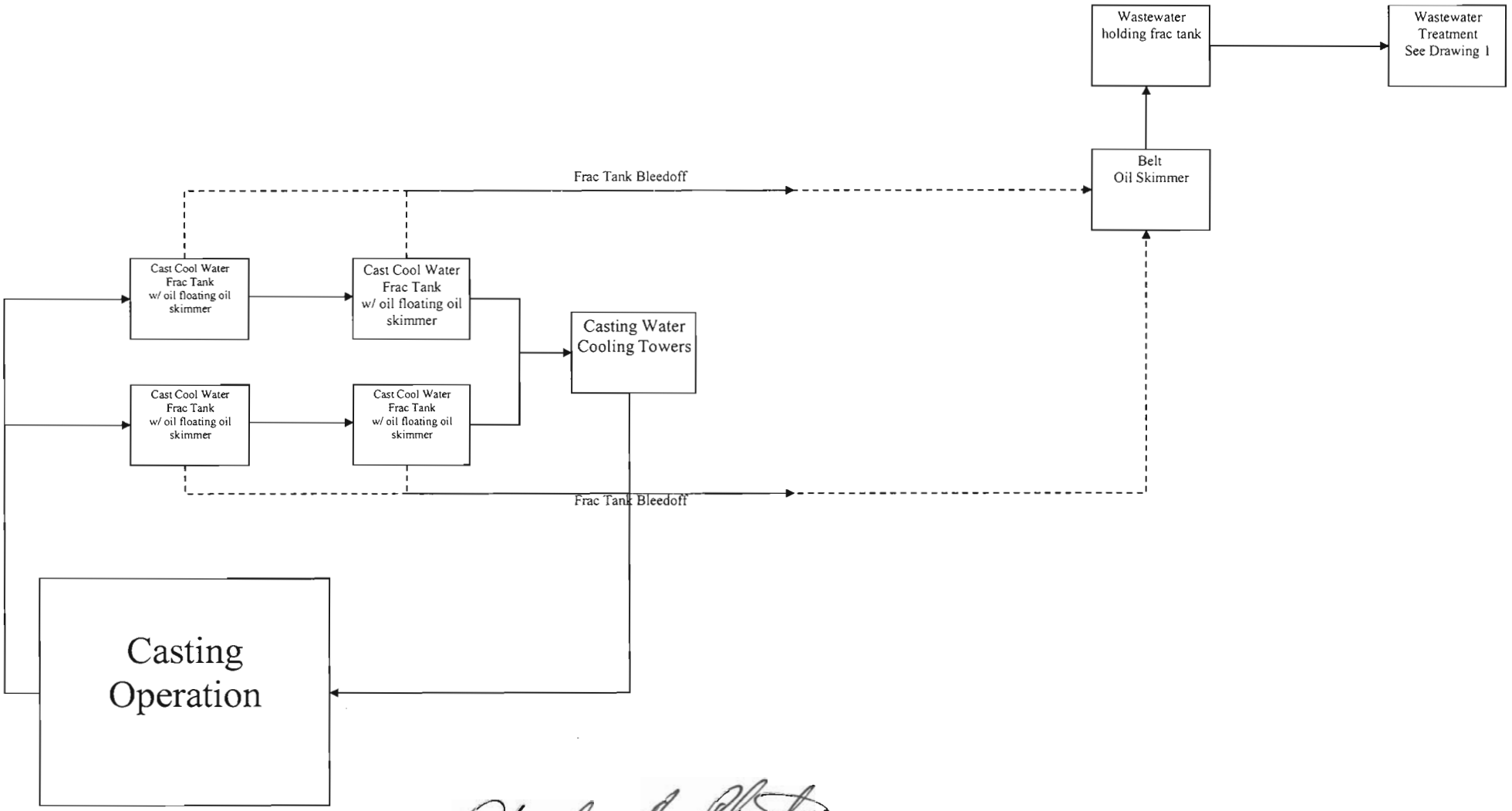
JENNIFER HALE Commission No. 12372820 NOTARY PUBLIC My Commission Expires Aug 28, 2019 CROSS CO., ARKANSAS

My commission expires 8/28/2019. Jennifer Hale



Charles B Blanton

6-11-10



Charles B Blanton

6-11-10

ADEQ Equal Limits Dec 09 thru May 10 Allowable Limits

Parameter	Max Limit (mg/l)	Ave Limit (mg/l)
Chromium	2.277	0.927
Copper	9.872	5.205
Lead	0.755	0.671
Nickel	9.986	6.580
Zinc	7.595	3.149
Oil & Grease	104.093	62.456