

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

Attn: Water Div/NPDES Pretreatment

7009 1410 0000 8550 3663

AG

(1) IDENTIFYING INFORMATION																						
<p>A. LEGAL NAME & MAILING ADDRESS</p> <p>Mueller Copper Tube Products, Inc. PO Box 309 Wynne, AR 72396</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>Mueller Copper Tube Products, Inc 1525 North Falls Blvd Wynne, AR 72396</p>																					
<p>C. FACILITY CONTACT: Charles Blanton TELEPHONE NUMBER: 870-208-1010 E-MAIL ADDRESS: cblanton@muellerindustries.com</p>																						
(2) REPORTING PERIOD																						
<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p>___December, 2009___ & ___June, 2009___</p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: June 2009 TO: November 2009</p>																					
(3) DESCRIPTION OF OPERATION																						
<p>A. REGULATED PROCESSES</p> <p>§40CFR464 – Metal Molding & Casting Point Source Category Copper Casting [Subpart B] Operations</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">PROCESS</th> <th style="text-align: center; border-bottom: 1px solid black;">PROD'N RATE(S) <small>Total for Six Months</small></th> <th style="text-align: center; border-bottom: 1px solid black;">PROD'N DAYS <small># Operating Days</small></th> </tr> </thead> <tbody> <tr> <td>Direct Chill Casting 40CFR464.24(b)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">___0___</td> </tr> <tr> <td colspan="3">All other Copper Casting Operations are Not Present in this Facility</td> </tr> <tr> <td colspan="3" style="padding-top: 20px;">§40CFR468 – Copper Forming Point Source Category Copper Forming [Subpart A] Operations</td> </tr> <tr> <td>Drawing Spent Lubricant 40CFR468.14(c)</td> <td style="text-align: center;">87,597,514</td> <td style="text-align: center;">___102___</td> </tr> <tr> <td>Solution Heat Treatment 40CFR468.14(d)</td> <td style="text-align: center;">14,931,285</td> <td style="text-align: center;">___102___</td> </tr> <tr> <td colspan="3">All other Copper Forming Operations are Not Present in this Facility</td> </tr> </tbody> </table>	PROCESS	PROD'N RATE(S) <small>Total for Six Months</small>	PROD'N DAYS <small># Operating Days</small>	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)	87,597,514	___102___	Solution Heat Treatment 40CFR468.14(d)	14,931,285	___102___	All other Copper Forming Operations are Not Present in this Facility			<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> <p>None</p> <div style="text-align: right; margin-top: 20px;"> <p>7444</p> </div>
PROCESS	PROD'N RATE(S) <small>Total for Six Months</small>	PROD'N DAYS <small># Operating Days</small>																				
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)	87,597,514	___102___																				
Solution Heat Treatment 40CFR468.14(d)	14,931,285	___102___																				
All other Copper Forming Operations are Not Present in this Facility																						
<p>C. Number of Regular Employees at this Facility ___135___</p>	<p>D. [Reserved]</p>																					

(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	8,600	18,000	Continuous	102
§464.14(d) Solution Heat Treatment	250	500	Batch	102
Total Regulated Flow	8,850	18,500	*****	*****
§403.6(e) Unreg'd ¹	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			*****	*****

¹"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 ²	Phenol	O&G
Max Allowable Conc	NA	1.102	4.778	0.366	4.832	NA	3.675	NA	NA	NA	50.371
Ave Allowable Conc	NA	0.449	2.519	0.325	3.185	NA	1.525	NA	NA	NA	30.223
Max Measured Conc	NA	ND	0.292	ND	0.042	NA	0.019	NA	NA	NA	29
Ave Measured Conc	NA	ND	0.066	ND	0.030	NA	0.010	NA	NA	NA	9

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: Yes No

(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.

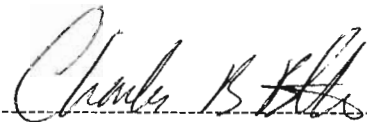
Molten copper from the furnace is cast into copper logs (billets). These logs are 24 feet long and 0.92 feet in diameter. The logs are then sawed into 25.5 inch long billets for further processing. The billets are then heated between 1500 - 1650°F in one of two billet heaters before being placed into 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(f)]

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

Support Process Manager

12-29-09

OFFICIAL TITLE

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 Blanton of Mueller Copper Tube
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 29 day of December 2009.

Notary Public in and for Cross Jennifer Hale
County, Arkansas.

My commission expires Aug 28, 2019.

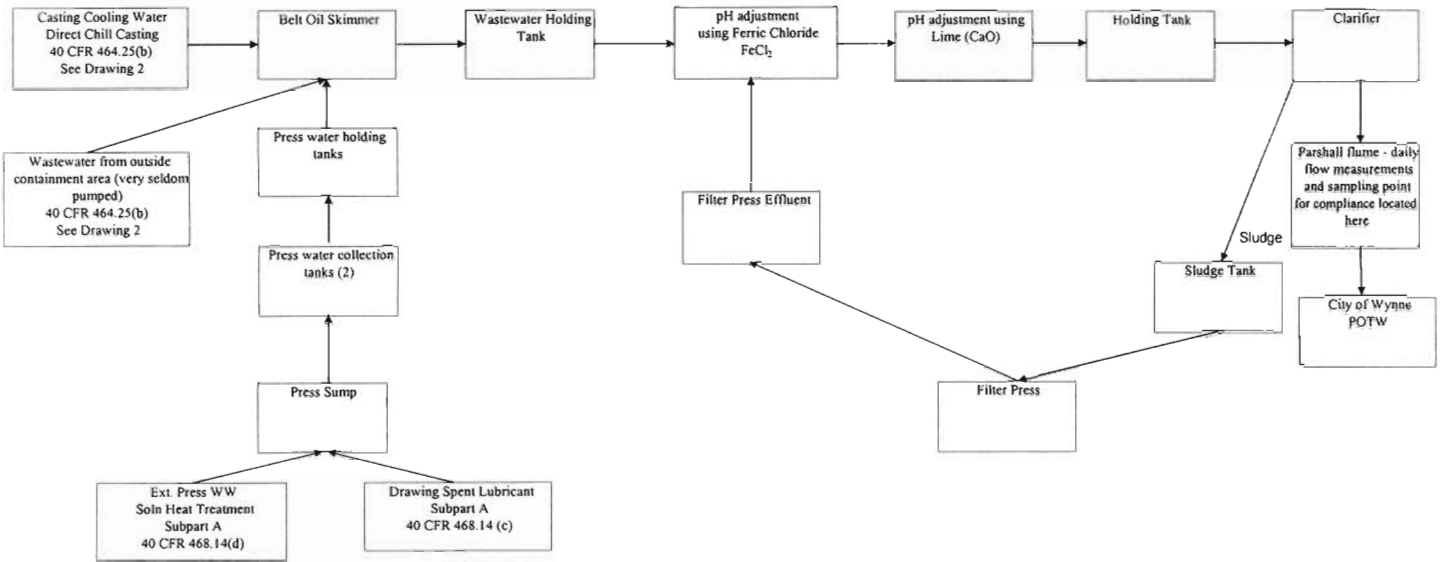


W:\Wynne Common\LAB\Environmental Files\Water Files\BMR Water and Production Data June 2009 thru
November 2009

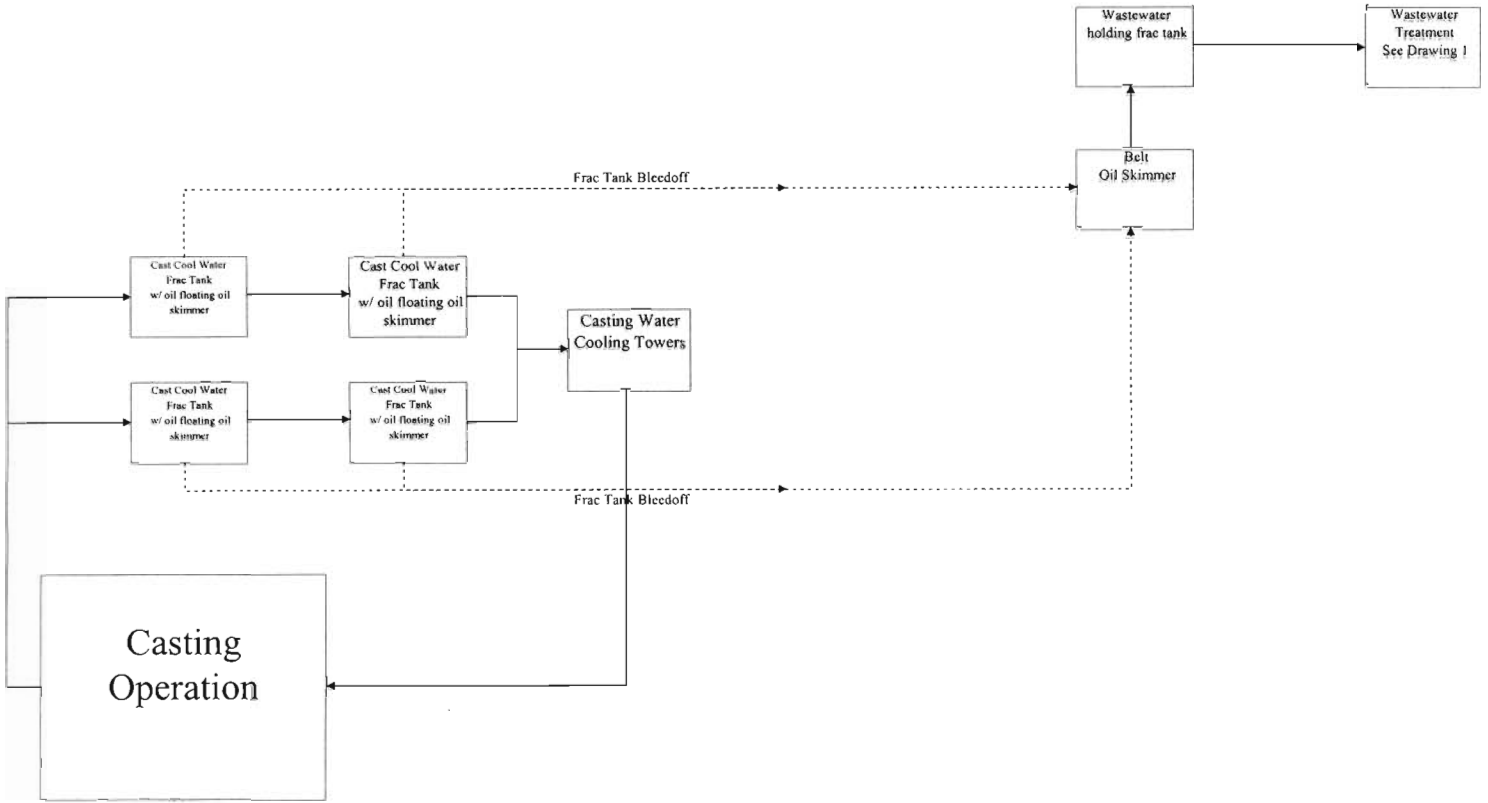
Parameter	Avg Conc	Max Conc	Avg Lbs/Day	Max Lbs/Day
BOD-5	204	300	14.6	21.4
T.S.S	61	160	4.4	11.4
Oil & Grease	9	29.2	0.6	2.1
Chromium (T)	#DIV/0!	0	#DIV/0!	0
Chromium (D)	#DIV/0!	0	#DIV/0!	0
Copper (T)	0.066	0.292	0.005	0.021
Copper (D)	0.027	0.154	0.002	0.011
Lead (T)	0.006	0.006	0.00042764	0.00042764
Lead (D)	0	0	0	0
Nickel (T)	0.030	0.0418	0.002	0.003
Nickel (D)	0.030	0.0395	0.002	0.003
Zinc (T)	0.010	0.019	0.001	0.001
Zinc (D)	0	0.012	0.000	0.001
Flow	0.008560	0.018000		
pH	7.3	7.5		
COD	633	799	45.1	56.9

Month	Billets Cast	Press Ext.	Actual Finish	November 2009	
				Days Worked	
Jun-09	0	1,540	2,122,303	41	Average Draws 6
Jul-09	0	1,353	1,623,097	31.5	
Aug-09	0	3,222	2,628,598	30	Lbs Drawn 87,597,714
Sep-09	0	4,341	3,245,348	37.5	
Oct-09	0	3,106	2,347,063	30	
Nov-09	0	3,121	2,633,210	31	
Totals	0	14,931,285	14,599,619	100.5	

Parameter	Max Limit (mg/l)	Ave Limit (mg/l)
<i>Chromium</i>	1.102	0.449
<i>Copper</i>	4.778	2.519
<i>Lead</i>	0.366	0.325
<i>Nickel</i>	4.832	3.185
<i>Zinc</i>	3.675	1.525
<i>Oil & Grease</i>	50.371	30.223



Charles B. Blanks
12-29-09



Charles B Bth
12-29-09

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201
 June-09

city limits

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	10.45	10.45	#/day	Sample	----	174	174	mg/l	0	1 week 24 hr. 0
	80.1	80.1	#/day	City		200	200	mg/l	0	1 week 24 hr. 0
T.S.S	3.36	3.36	#/day	Sample	----	56	56	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	0.23	0.23	#/day	Sample	----	3.8	3.8	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***, 01	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.00	0.00	#/day	Sample	----	0.007	0.007	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0306	0.0306	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0395	0.0395	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.006	0.006	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	***	***	#/day	Sample	----	< 0.02	< 0.02	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.007	0.010	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7.5	7.5	7.5	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	42.21	42.21	#/day	Sample	----	703	703	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During June, the total discharge was estimated to be 36,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201

July-09

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	19.63	19.63	#/day	Sample	----	300	300	mg/l	0	1 week 24 hr. 0
	80.1	80.1	#/day	City	----	200	200	mg/l	0	1 week 24 hr. 0
T.S.S	2.75	2.75	#/day	Sample	----	42	42	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	0.28	0.28	#/day	Sample	----	4.3	4.3	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0183	0.0183	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.00	0.00	#/day	Sample	----	0.002	0.002	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0418	0.0418	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0389	0.0389	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.017	0.017	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.008	0.008	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.008	0.011	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7.1	7.1	7.1	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	40.24	40.24	#/day	Sample	----	615	615	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During July, the total discharge was estimated to be 102,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201
 August-09

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	20.57	20.57	#/day	Sample	----	271	271	mg/l	0	1 week 24 hr. 0
	80.1	80.1	#/day	City		200	200	mg/l	0	1 week 24 hr. 0
T.S.S	3.34	3.34	#/day	Sample	----	44	44	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	0.52	0.52	#/day	Sample	----	6.8	6.8	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0215	0.0215	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.03	0.03	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.029	0.029	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.009	0.011	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7.2	7.2	7.2	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	57.30	57.30	#/day	Sample	----	755	755	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During August, the total discharge was estimated to be 128,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201
September-09

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	12.86	12.86	#/day	Sample	----	182	182	mg/l	0	1 week 24 hr. 0
	80.1	80.1	#/day	City	----	200	200	mg/l	0	1 week 24 hr. 0
T.S.S	11.30	11.30	#/day	Sample	----	160	160	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	0.34	0.34	#/day	Sample	----	4.8	4.8	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.00	0.00	#/day	Sample	----	0.02	0.02	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0246	0.0246	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0204	0.0204	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.008	0.011	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7.4	7.4	7.4	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	44.57	44.57	#/day	Sample	----	631	631	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During September, the total discharge was estimated to be 161,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201

October-09

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	4.00	4.00	#/day	Sample	----	44	44	mg/l	0	1 week 24 hr. 0
	80.1	80.1	#/day	City		200	200	mg/l	0	1 week 24 hr. 0
T.S.S	1.64	1.64	#/day	Sample	----	18	18	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	0.40	0.40	#/day	Sample	----	4.4	4.4	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.00	0.00	#/day	Sample	----	0.035	0.035	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.013	0.013	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.013	0.013	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	< 0.04	< 0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.011	0.018	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7.5	7.5	7.5	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	26.54	26.54	#/day	Sample	----	292	292	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During October, the total discharge was estimated to be 240,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)

BMR Water and Production Data June 2009 thru November 2009

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201

November-09

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.	Analysis Time
BOD-5	16.69	16.69	#/day	Sample	----	255	255	mg/l	0	1 month 24 hr. 0
	80.1	80.1	#/day	City		200	200	mg/l	0	1 week 24 hr. 0
T.S.S	3.14	3.14	#/day	Sample	----	48	48	mg/l	0	1 week 24 hr. 0
	71.0		#/day	City	----		200	mg/l	0	1 week 24 hr. 0
Oil & Grease	1.91	1.91	#/day	Sample	----	29.2	29.2	mg/l	0	1 week 24 hr. 0
	9.4		#/day	City	----	23.5	100	mg/l	0	1 week 24 hr. 0
Chromium (T)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0	1 week 24 hr. 0
Chromium (D)	***	***	#/day	Sample	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0	1 week 24 hr. 0
Copper (T)	0.02	0.02	#/day	Sample	----	0.292	0.292	mg/l	0	1 week 24 hr. 0
	0.42		#/day	City	----	1.05		mg/l	0	1 week 24 hr. 0
Copper (D)	0.01	0.01	#/day	Sample	----	0.154	0.154	mg/l	0	1 week 24 hr. 0
	0.18		#/day	City	----	0.45		mg/l	0	1 week 24 hr. 0
Lead (T)	0.00	0.00	#/day	Sample	----	0.006	0.006	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Lead (D)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0	1 week 24 hr. 0
	0.26	***	#/day	City	----	0.65		mg/l	0	1 week 24 hr. 0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0393	0.0393	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.039	0.039	mg/l	0	1 week 24 hr. 0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0	1 week 24 hr. 0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.019	0.019	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.012	0.012	mg/l	0	1 week 24 hr. 0
	0.29	***	#/day	City	----	0.72		mg/l	0	1 week 24 hr. 0
Flow	0.008	0.011	MGD	Sample	----	----	----	MGD	0	1 week 24 hr. 0
		0.048	MGD	City	----	----	----	MGD	0	1 week 24 hr. 0
pH	---	---	#/day	Sample	7	7	7	SU	0	1 week 24 hr. 0
	---	---	---	City	5			SU	0	1 week 24 hr. 0
COD	52.28	52.28	#/day	Sample	----	799	799	mg/l	0	1 week 24 hr. 0
			#/day	City	----			mg/l	0	1 week 24 hr. 0

*** Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During November, the total discharge was estimated to be 102,000 gallons. One (1) sample was collected.

Date: _____

Charles Blanton

(I certify that based on my inquiry of those responsible, that the information contained in this report is accurate and complete to the best of my belief.)