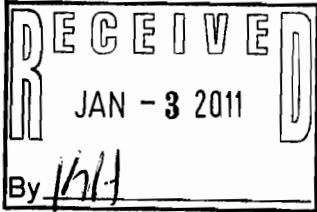


**SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR464 & 468**

Attn: Water Div/NPDES Pretreatment

VIA CERTIFIED MAIL 7010 1060 0001 6308 6915

(1) IDENTIFYING INFORMATION																						
<p><b>A. LEGAL NAME &amp; MAILING ADDRESS</b></p> <p>Mueller Copper Tube Products, Inc. PO Box 309 Wynne, AR 72396</p>	<p><b>B. FACILITY &amp; LOCATION ADDRESS</b></p> <p>Mueller Copper Tube Products, Inc 1525 North Falls Blvd Wynne, AR 72396</p>																					
<p><b>C. FACILITY CONTACT:</b> Charles Blanton    <b>TELEPHONE NUMBER:</b> 870-208-1010    <b>E-MAIL ADDRESS:</b> cblanton@muellerindustries.com</p>																						
(2) REPORTING PERIOD																						
<p><b>A. MONTHS WHICH REPORTS ARE DUE</b></p> <p>    <u>December, 2010</u>      &amp;    <u>June, 2010</u></p>	<p><b>B. PERIOD COVERED BY THIS REPORT</b></p> <p>FROM: June 2010                      TO: November 2010</p>																					
(3) DESCRIPTION OF OPERATION																						
<p><b>A. REGULATED PROCESSES</b></p> <p>§40CFR464 – Metal Molding &amp; 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;"><u>PROCESS</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>PROD'N RATE(S)</u> Total for Six Months</th> <th style="text-align: left; border-bottom: 1px solid black;"><u>PROD'N DAYS</u> # Operating Days</th> </tr> </thead> <tbody> <tr> <td>Direct Chill Casting 40CFR464.24(b)</td> <td style="text-align: right;">4,960,358</td> <td style="text-align: right; border-bottom: 1px solid black;">25</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: right;">153,273,771</td> <td style="text-align: right; border-bottom: 1px solid black;">140.3</td> </tr> <tr> <td>Solution Heat Treatment 40CFR468.14(d)</td> <td style="text-align: right;">18,323,335</td> <td style="text-align: right; border-bottom: 1px solid black;">140.3</td> </tr> <tr> <td colspan="3">All other Copper Forming Operations are Not Present in this Facility</td> </tr> </tbody> </table>	<u>PROCESS</u>	<u>PROD'N RATE(S)</u> Total for Six Months	<u>PROD'N DAYS</u> # Operating Days	Direct Chill Casting 40CFR464.24(b)	4,960,358	25	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)	153,273,771	140.3	Solution Heat Treatment 40CFR468.14(d)	18,323,335	140.3	All other Copper Forming Operations are Not Present in this Facility			<p><b>B. CHANGES:</b>    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>The facility has significantly reduced its casting operations and is primarily being supplied from the Mueller facility located in Fulton, MS. However, due to a re-line of the Fulton furnace, casting operations at the facility resumed for the month of June 2010. Therefore, this report shows lbs cast under 40 CFR 464.24(b)</p> <div style="text-align: center; margin-top: 20px;">  </div> <p style="font-size: 1.2em; margin-top: 20px;">ARP 000036 19-00004</p>
<u>PROCESS</u>	<u>PROD'N RATE(S)</u> Total for Six Months	<u>PROD'N DAYS</u> # Operating Days																				
Direct Chill Casting 40CFR464.24(b)	4,960,358	25																				
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)	153,273,771	140.3																				
Solution Heat Treatment 40CFR468.14(d)	18,323,335	140.3																				
All other Copper Forming Operations are Not Present in this Facility																						
<p><b>C. Number of Regular Employees at this Facility</b>    <u>163</u></p>	<p><b>D. [Reserved]</b></p>																					

**(2) PERSONS TO BE COMPLETED**

**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	750	1000	Continuous	14
§468.14(c) Draw Spent Lubricant	5,300	10,000	Continuous	70
§464.14(d) Solution Heat Treatment	500	1000	Batch	70
Total Regulated Flow	6,550	12,000	*****	*****
§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).

**(3) MEASUREMENTS**

**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	1.420	6.761	0.884	6.231	NA	5.333	NA	NA	NA	64.957
Ave Allowable Conc	NA	0.578	3.576	0.622	4.105	NA	2.191	NA	NA	NA	38.974
Max Measured Conc	NA	0.002	0.0725	ND	0.104	NA	0.009	NA	NA	NA	12.2
Ave Measured Conc	NA	0.001	0.040	ND	0.061	NA	0.006	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:  Yes  No

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.

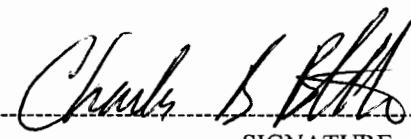
The manufacturing process begins with the melting of scrap and virgin copper to produce copper suitable for Mueller's production specifications. The material is placed into an electric arc furnace and heated to approximately 2150°F with a maximum temperature of 2250°F. The casting utilizes Direct Chill 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).

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

12/28/2010

OFFICIAL TITLE

DATE SIGNED

## ADEQ Equal Limits Jun 10 thru Nov 10

## Allowable Limits

<b>Parameter</b>	<b>Max Limit (mg/l)</b>	<b>Ave Limit (mg/l)</b>
<i>Chromium</i>	1.420	0.578
<i>Copper</i>	6.761	3.576
<i>Lead</i>	0.884	0.622
<i>Nickel</i>	6.231	4.105
<i>Zinc</i>	5.333	2.191
<i>Oil &amp; Grease</i>	64.957	38.974

BMR Water and Production Data June 2010 thru Nov 2010

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201  
June-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	2.40	2.40	#/day	Sample	----	53	53	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	4.35	4.35	#/day	Sample	----	96	96	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.08	0.08	#/day	Sample	----	1.8	1.8	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0
Chromium (D)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0498	0.0498	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.0011	0.0011	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0666	0.0666	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0668	0.0668	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.006	0.006	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.005	0.008	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	6.4	6.4	6.4	SU	0
	---	---	---	City	5			SU	0
COD	38.67	38.67	#/day	Sample	----	854	854	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During June, the total discharge was estimated to be 76,000 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 2010 thru Nov 2010

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201  
 July-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	16.36	16.36	#/day	Sample	----	287	287	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	4.56	4.56	#/day	Sample	----	80	80	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.70	0.70	#/day	Sample	----	12.2	12.2	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0
Chromium (D)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0295	0.0295	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.041	0.041	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0327	0.0327	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	***	***	#/day	Sample	----	< 0.02	< 0.02	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.007	0.009	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	6.6	6.6	6.6	SU	0
	---	---	---	City	5			SU	0
COD	52.71	52.71	#/day	Sample	----	925	925	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During July, the total discharge was estimated to be 82,000 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 2010 thru Nov 2010

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201  
August-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	9.59	9.59	#/day	Sample	----	230	230	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	8.55	8.55	#/day	Sample	----	205	205	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.11	0.11	#/day	Sample	----	2.6	2.6	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0
Chromium (D)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0262	0.0262	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.0031	0.0031	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.104	0.104	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.106	0.106	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.006	0.006	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.023	0.023	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.005	0.008	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	6.1	6.1	6.1	SU	0
	---	---	---	City	5			SU	0
COD	50.87	50.87	#/day	Sample	----	1220	1220	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During August, the total discharge was estimated to be 82,000 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 2010 thru Nov 2010

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201  
September-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	21.89	21.89	#/day	Sample	----	391	391	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	1.23	1.23	#/day	Sample	----	22	22	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.16	0.16	#/day	Sample	----	2.8	2.8	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0
Chromium (D)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0725	0.0725	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.0347	0.0347	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0613	0.0613	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0589	0.0589	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.009	0.009	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.007	0.009	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	7.6	7.6	7.6	SU	0
	---	---	---	City	5			SU	0
COD	78.95	78.95	#/day	Sample	----	1410	1410	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During September, the total discharge was estimated to be 47,000 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 2010 thru Nov 2010

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396, (870) 238-3201  
 October-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	26.88	26.88	#/day	Sample	----	393	393	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	2.33	2.33	#/day	Sample	----	34	34	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.61	0.61	#/day	Sample	----	8.9	8.9	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	0.00	0.00	#/day	Sample	----	0.002	0.002	mg/l	0
	0.01	***	#/day	City	----	<0.01	<0.01	mg/l	0
Chromium (D)	0.00	0.00	#/day	Sample	----	0.001	0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0306	0.0306	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.0037	0.0037	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0476	0.0476	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0429	0.0429	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.005	0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.008	0.012	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	7.3	7.3	7.3	SU	0
	---	---	---	City	5			SU	0
COD	93.69	93.69	#/day	Sample	----	1370	1370	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During October, the total discharge was estimated to be 82,000 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 2010 thru Nov 2010**

Mueller Copper Tube Products, P.O. Box 309 Wynne, AR 72396. (870) 238-3201  
November-10

Parameter	Average	Maximum	Unit		Minimum	Average	Maximum	Units	No. Ex.
BOD-5	14.42	14.42	#/day	Sample	----	245	245	mg/l	0
	80.1	80.1	#/day	City		200	200	mg/l	0
T.S.S	1.65	1.65	#/day	Sample	----	28	28	mg/l	0
	71.0		#/day	City	----		200	mg/l	0
Oil & Grease	0.54	0.54	#/day	Sample	----	9.1	9.1	mg/l	0
	9.4		#/day	City	----	23.5	100	mg/l	0
Chromium (T)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	0.01	***	#/day	City	----	<0.001	<0.001	mg/l	0
Chromium (D)	***	***	#/day	Sample	----	< 0.001	< 0.001	mg/l	0
	***	***	#/day	City	----	< 0.01	< 0.01	mg/l	0
Copper (T)	0.00	0.00	#/day	Sample	----	0.0316	0.0316	mg/l	0
	0.42		#/day	City	----	1.05		mg/l	0
Copper (D)	0.00	0.00	#/day	Sample	----	0.0035	0.0035	mg/l	0
	0.18		#/day	City	----	0.45		mg/l	0
Lead (T)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Lead (D)	***	***	#/day	Sample	----	< 0.0005	< 0.0005	mg/l	0
	0.26	***	#/day	City	----	0.65		mg/l	0
Nickel (T)	0.00	0.00	#/day	Sample	----	0.0476	0.0476	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Nickel (D)	0.00	0.00	#/day	Sample	----	0.0429	0.0429	mg/l	0
	0.01	***	#/day	City	----	<0.04	<0.04	mg/l	0
Zinc (T)	***	***	#/day	Sample	----	< 0.005	< 0.005	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Zinc (D)	0.00	0.00	#/day	Sample	----	0.006	0.006	mg/l	0
	0.29	***	#/day	City	----	0.72		mg/l	0
Flow	0.007	0.001	MGD	Sample	----	----	----	MGD	0
		0.048	MGD	City	----	----	----	MGD	0
pH	---	---	#/day	Sample	7.4	7.4	7.4	SU	0
	---	---	---	City	5			SU	0
COD	40.19	40.19	#/day	Sample	----	683	683	mg/l	0
			#/day	City	----			mg/l	0

\*\*\* Indicates below calculation limits

(T) Indicates Total

(D) Indicates Dissolved

During November, the total discharge was estimated to be 127,000 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.)

W:\Wynne Common\LAB\Environmental Files\Water Files\BMR Water and Production Data June 2010 thru Nov 2010

Parameter	Avg Conc	Max Conc	Avg Lbs/Day	Max Lbs/Day
BOD-5	267	393	14.5	21.4
T.S.S	78	205	4.2	11.2
Oil & Grease	6	12.2	0.3	0.7
Chromium (T)	0.001	0.002	6.80511E-05	0.000108882
Chromium (D)	0.000	0.001	0	5.44409E-05
Copper (T)	0.040	0.0725	0.002	0.004
Copper (D)	0.008	0.0347	0.000	0.002
Lead (T)	0	0	0	0
Lead (D)	0	0	0	0
Nickel (T)	0.061	0.104	0.003	0.006
Nickel (D)	0.058	0.106	0.003	0.006
Zinc (T)	0.006	0.009	0.000	0.000
Zinc (D)	0	0.023	0.000	0.001
Flow	0.006539	0.012000		
pH	6.9	7.6		
COD	1077	1410	58.6	76.8

