

**40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: B&M PAINTING CO., INC.-POTW # 3**

**SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433**

Use of this form is not an ADEQ requirement, but satisfies the reporting requirements in 40 CFR 403.12(e).

Attn: Water Div/NPDES Pretreatment

**(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # ARP001058**

<p><b>A. LEGAL NAME &amp; MAILING ADDRESS</b></p> <p>B&amp;M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701</p>	<p><b>A. FACILITY &amp; LOCATION ADDRESS</b></p> <p>POTW # 3 – Bldg #70 B&amp;M PAINTING CO., INC. 217 POLK ST. CAMDEN, AR 71701</p>
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<p><b>C. FACILITY CONTACT:</b> TRACY PAYNE BRIAN McCASLAND</p>	<p>TELEPHONE NUMBER: 870-836-3388 TELEPHONE NUMBER: 870-836-3388</p>	<p>e-mail: <a href="mailto:tpayne@bmpaint.com">tpayne@bmpaint.com</a> e-mail: <a href="mailto:bmac@bmpaint.com">bmac@bmpaint.com</a></p>
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**(2) REPORTING PERIOD--FISCAL YEAR From JULY-DECEMBER 2020 (Both Semi-Annual Reports must cover Fiscal Year)**

<p><b>A. MONTHS WHICH REPORTS ARE DUE</b></p> <p><b><u>JUNE &amp; DECEMBER</u></b></p>	<p><b>B. PERIOD COVERED BY THIS REPORT</b></p> <p><b>FROM: JULY 2020 TO: DECEMBER 2020</b></p>
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**(3) DESCRIPTION OF OPERATION**

<p><b>A. REGULATED PROCESSES</b></p> <p><b><u>CORE PROCESS(ES)</u></b></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><b>G</b> Electroplating <b>G</b> Electroless Plating <b>X</b> Anodizing <b>X</b> Coating (conversion) <b>G</b> Chemical Etching and Milling <b>G</b> Printed Circuit Board Manufacture</p> <p><b><u>ANCILLARY PROCESS(ES)*</u></b></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><b><u>CR ANODIZING</u></b></p> <p><b><u>ALUMINUM CONVERSION COATING</u></b></p> <p><b><u>PENETRANT INSPECTION</u></b></p> <p><b><u>PAINTING</u></b></p> <p>_____</p> <p>_____</p> <p><small>*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS</small></p>	<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>
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<p><b>C. Number of Regular Employees at this Facility <u>4</u></b></p>	<p><b>D. [Reserved]</b></p>
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**(4) FLOW MEASUREMENT**

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge*
Regulated (Core & Regulated (Cyanide)	7876	9000	BATCH (DI RINSE)
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	3938	4500	
<b>Total Flow to POTW</b>	<b>11814</b>	<b>13500</b>	

\*If batch discharged please list the period of time of each batch discharge (300 gallons/day; 500 gallons/week, 2,000 gallons/3 months, etc). Do not normalize over that period for the average flow.

\*\*"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 WWIX (AND RECYCLED)
- None

B. COMMENTS ON TREATMENT SYSTEM

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.

40 CFR 433.17 Pollutant(mg/l) limits	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	0.11	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Avg	0.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	<0.004	<0.01	<0.01	<0.0005	0.059	<0.007	0.28	<0.01	*
Avg Measured**									*

Sample Location BLDG # 70 – POTW # 3

Sample Type (Grab\* or Composite) COMPOSITE

\*If Grab, list # of grabs over what period of time

Number of Samples and Frequency Collected 3 GRABS COLLECTED EVERY TWO HOURS BEGINNING AT 9:00 AM ON 12-17-2020 – SINGLE GRAB FOR O&G AT 9:00 ON 12-17-2020 AND CYANIDE AT 9:00 ON 12-17-2020.

40CFR136 Preservation and Analytical Methods Use:  Yes  No (include complete Chain of Custody)

\*If a TOMP has been submitted and approved by ADEQ place N/A.

\*\*A value here is the average of all samples taken during one (1) calendar month regardless of number of samples taken. If only one (1) sample is taken it must meet the monthly average limitation.

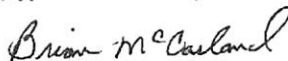
**(6) CERTIFICATION (ONLY IF A TOMP HAS BEEN SUBMITTED/APPROVED BY ADEQ)**

B. CHECK ONE:  '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED  '433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Environmental Quality.

BRIAN McCASLAND

(Typed/Printed Name)



(Corporate Officer or authorized representative signature)

Date of Signature 01-05-2021

**(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 including Best or Environmental Management Practices, Source Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservaton:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**(8) GENERAL COMMENTS**

Analytical data from American Interplex Reports –  
251408 DATED 12-24-2020

**(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(l)**

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

TRACY PAYNE  
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE



SIGNATURE

VICE PRESIDENT & GENERAL MANAGER  
OFFICIAL TITLE

01-05-2021  
DATE SIGNED



B & M Painting Co., Inc.  
ATTN: Mr. Tracy Payne  
347 Van Buren NE  
Camden, AR 71701

This report contains the analytical results and supporting information for samples received on December 18, 2020. 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 Chief Operating Officer or a qualified designee.

A handwritten signature in cursive script that reads 'Steve Bradford'.

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Steve Bradford  
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: B & M Painting Co., Inc.  
ATTN: Mr. Mat Hopkins  
mhopkins@bmpaint.com

B & M Painting Co., Inc.  
ATTN: Lab  
lab@bmpaint.com

B & M Painting Co., Inc.  
ATTN: Mr. Tracy Payne  
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B & M Painting Co., Inc.  
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B & M Painting Co., Inc.  
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B & M Painting Co., Inc.  
347 Van Buren NE  
Camden, AR 71701

**SAMPLE INFORMATION**

**Project Description:**

Two (2) water sample(s) received on December 18, 2020  
Semi Annual Wastewater Report  
P.O. No. BM121720-Lab5

**Receipt Details:**

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.  
Ice chest #1 was delivered with shipping documentation.

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>
251408-1	POTW 3	17-Dec-2020 1300	
251408-2	POTW 3	17-Dec-2020 0900	

**Qualifiers:**

D Result is from a secondary dilution factor

**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", (SM).  
"American Society for Testing and Materials" (ASTM).  
"Association of Analytical Chemists" (AOAC).

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**ANALYTICAL RESULTS**

**AIC No. 251408-1**

**Sample Identification: POTW 3 17-Dec-2020 1300**

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Cadmium</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>&lt; 0.004</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.004</b>	<b>mg/l</b> Batch: S50319	
<b>Chromium</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>&lt; 0.01</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.01</b>	<b>mg/l</b> Batch: S50319	
<b>Copper</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>&lt; 0.01</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.01</b>	<b>mg/l</b> Batch: S50319	
<b>Lead</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>&lt; 0.0005</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.0005</b>	<b>mg/l</b> Batch: S50319	
<b>Nickel</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>0.059</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.01</b>	<b>mg/l</b> Batch: S50319	
<b>Silver</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>&lt; 0.007</b> Analyzed: 21-Dec-2020 1235 by 313	<b>0.007</b>	<b>mg/l</b> Batch: S50319	
<b>Zinc</b> EPA 200.8	Prep: 21-Dec-2020 0851 by 313	<b>0.28</b> Analyzed: 21-Dec-2020 1312 by 313	<b>0.05</b>	<b>mg/l</b> Batch: S50319	<b>D</b> Dil: 5

**AIC No. 251408-2**

**Sample Identification: POTW 3 17-Dec-2020 0900**

<b>Analyte</b>		<b>Result</b>	<b>RL</b>	<b>Units</b>	<b>Qualifier</b>
<b>Total Cyanide</b> SM 4500-CN C,E 2011	Prep: 21-Dec-2020 1315 by 347	<b>&lt; 0.01</b> Analyzed: 21-Dec-2020 1702 by 347	<b>0.01</b>	<b>mg/l</b> Batch: W74391	
<b>Oil and Grease</b> EPA 1664A	Prep: 24-Dec-2020 1048 by 348	<b>&lt; 5</b> Analyzed: 24-Dec-2020 1240 by 348	<b>5</b>	<b>mg/l</b> Batch: B12225	

B & M Painting Co., Inc.  
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**LABORATORY CONTROL SAMPLE RESULTS**

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	80.1	71.4-103			W74391	21Dec20 1315 by 347	21Dec20 1652 by 347		
Cadmium	0.02 mg/l	101	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Chromium	0.02 mg/l	95.2	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Copper	0.02 mg/l	105	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Lead	0.02 mg/l	98.1	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Nickel	0.02 mg/l	106	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Silver	0.02 mg/l	103	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Zinc	0.02 mg/l	92.8	85.0-115			S50319	21Dec20 0851 by 313	21Dec20 1126 by 313		
Oil and Grease	40 mg/l	94.0	78.0-114			B12225	24Dec20 1049 by 348	24Dec20 1240 by 348		
	40 mg/l	93.0	78.0-114	1.07	18.0	B12225	24Dec20 1049 by 348	24Dec20 1240 by 348		

**MATRIX SPIKE SAMPLE RESULTS**

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	251337-2	0.1 mg/l	86.2	71.7-102	W74391	21Dec20 1315 by 347	21Dec20 1656 by 347		
	251337-2	0.1 mg/l	89.2	71.7-102	W74391	21Dec20 1315 by 347	21Dec20 1658 by 347		
	Relative Percent Difference:		2.86	8.85	W74391				
Cadmium	251407-1	0.02 mg/l	98.5	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	98.8	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		0.216	20.0	S50319				
Chromium	251407-1	0.02 mg/l	92.3	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	93.6	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		1.48	20.0	S50319				
Copper	251407-1	0.02 mg/l	95.9	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	96.5	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		0.490	20.0	S50319				
Lead	251407-1	0.02 mg/l	95.6	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	95.2	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		0.390	20.0	S50319				
Nickel	251407-1	0.02 mg/l	101	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	101	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		0.131	20.0	S50319				
Silver	251407-1	0.02 mg/l	98.8	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	98.9	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		0.133	20.0	S50319				
Zinc	251407-1	0.02 mg/l	89.4	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1130 by 313		
	251407-1	0.02 mg/l	92.1	75.0-125	S50319	21Dec20 0851 by 313	21Dec20 1134 by 313		
	Relative Percent Difference:		1.75	20.0	S50319				





B & M Painting Co., Inc.  
347 Van Buren NE  
Camden, AR 71701

**LABORATORY BLANK RESULTS**

<b>Analyte</b>	<b>Result</b>	<b>RL</b>	<b>LOQ</b>	<b>QC Sample</b>	<b>Preparation Date</b>	<b>Analysis Date</b>	<b>Qual</b>
Total Cyanide	< 0.0050 mg/l	0.0050	0.01	W74391-1	21Dec20 1315 by 347	21Dec20 1650 by 347	
Cadmium	< 0.002 mg/l	0.002	0.004	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Chromium	< 0.005 mg/l	0.005	0.01	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Copper	< 0.0005 mg/l	0.0005	0.01	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Lead	< 0.0003 mg/l	0.0003	0.0005	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Nickel	< 0.005 mg/l	0.005	0.01	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Silver	< 0.004 mg/l	0.004	0.007	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Zinc	< 0.005 mg/l	0.005	0.01	S50319-1	21Dec20 0851 by 313	21Dec20 1122 by 313	
Oil and Grease	< 2.0 mg/l	2.0	5	B12225-1	24Dec20 1049 by 348	24Dec20 1240 by 348	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <b>B &amp; M Painting Co., Inc.</b>			PO No. <b>BM121720-LAB5</b>		NO OF BOTTLES	ANALYSES REQUESTED										AIC CONTROL NO: <b>251468</b>		
Project Reference: <b>Semi Annual Wastewater Report</b>			MATRIX			CHROME	CADMIUM	COPPER	LEAD	NICKEL	SILVER	ZINC	OIL & GREASE	CYANIDE	AIC PROPOSAL NO:			
Project Manager: <b>Tracy Payne</b>			W	S												Carrier: <b>12X6970501670</b> <b>UPS</b>		
Sampled By: <b>Doug Miller</b>			G	C		A	S									Received Temperature C <b>6.1</b>		
AIC No.	Sample Identification	Date/Time Collected	R	M	T	O									Remarks			
1	POTW 3	12/17/20 9:00A		X														
		12/17/20 11:00A		X														
		12/17/20 1:00P		X														
2	POTW 3	12/17/20 9:00A	X										X					
3	POTW 3	12/17/20 9:00A	X											X				
														Field pH calibration				
														on _____ @ _____				
														Buffer:				
G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate			NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate			A=(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> , NH <sub>4</sub> OH												
Turnaround Time Requested: (Please circle) <b>NORMAL</b> or EXPEDITED IN _____ DAYS					Relinquished By: <i>Doug Miller</i>					Date/Time: <b>12/17/20 2:00P</b>					Received By:		Date/Time	
Expedited results requested by: _____					Relinquished By:					Date/Time					Received in Lab By: <i>[Signature]</i>		Date/Time: <b>12-18-20 0955</b>	
Who should AIC contact with questions: <b>Doug Miller</b>					Comments:													
Phone 870-836-3388 Fax: 870-836-3399																		
Report Attention to: <b>Tracy Payne</b>																		
Report Address to: <b>347 Van Buren St. Camden, AR 71701</b>																		
Email Address: <b>lab@bmpaint.com</b>																		