

Wilson, Tabatha

From: Torrence, Rufus
Sent: Thursday, July 18, 2013 8:35 AM
To: Wilson, Tabatha
Subject: FW: AR0022365 AFIN 52-00230 B&M Paint June 2013 Semi-Annual Pretreatment Report
Attachments: AFIN 52-00230 AR0022365 B&M June 2013 Semi-Annual Pretreatment Report.pdf

Tabatha,

I found this email (and its attachment) in Zylab but it does not appear on ADEQ website (AR0022365).

Rufus

From: Torrence, Rufus
Sent: Thursday, July 11, 2013 8:30 AM
To: 'dezell@bmpaint.com'
Cc: Wilson, Tabatha
Subject: AR0022365 AFIN 52-00230 B&M Paint June 2013 Semi-Annual Pretreatment Report

ADEQ

ARKANSAS
Department of Environmental Quality

July 10, 2013

Denver Ezell, Chemical Mgr.
B&M Painting Co., Inc.
347 Van Buren Street
Camden, AR 71701

Re: B&M's June 2013 Semi-Annual Pretreatment Report
(Permit No. AR0022365 AFIN 52-00230)

Dear Mr. Ezell:

The Department has reviewed B&M's June 2013 Semi-annual Pretreatment Report and the report is complete.

The Department appreciates B&M's continued efforts in semi-annual reporting. If you have any questions or concerns, please contact the Department at (501) 682-0626 or by email at torrence@adeq.state.ar.us.

Sincerely,



Rufus Torrence, Pretreatment Engineer
Water Division

ARKANSAS
5301 NORTHSIDE DRIVE - NORTH LIT



B&M PAINTING CO., INC.
347 Van Buren
Camden, Arkansas 71701
(870) 836-3388

FAX COVER PAGE

Date:	July 8, 2013	Time:	1030 hours
To:	ADEQ	Fax:	(501) 682-0910
Attention:	Rufus Torrence		
Ref:	Semi-Annual Industrial Water Report		
From:	Denver Ezell	Phone:	870-836-3388
Email:	dezell@bmpaint.com	Fax:	870-836-3399

11 Pages including cover page. If you fail to receive all pages, please call our office at (870) 836-3388.

COMMENT

Find attached our Semi-annual Industrial Water Users' Report.

Thanks,

Denver

<p>D. [Reserved]</p>		<p>C. Number of Regular Employees at this Facility <u>48</u></p>	
<p>B. CHANGES: SCHEMATIC ANY CHANGES IN THE REGULATION PROCESSES SINCE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.</p>		<p>SEE CHECKLIST FOR ALTERNATE OPERATIONS</p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p>ANCILLARY PROCESSES:</p> <p><input type="checkbox"/> Printed Circuit Board Manufacture</p> <p><input type="checkbox"/> Chemical Etching and Milling</p> <p><input type="checkbox"/> Coating</p> <p><input type="checkbox"/> Anodizing</p> <p><input type="checkbox"/> Electroless Plating</p> <p><input type="checkbox"/> Electroplating</p> <p>CORE PROCESSES:</p> <p><input checked="" type="checkbox"/> Etching</p> <p><input checked="" type="checkbox"/> Chemical Etching and Milling</p> <p><input checked="" type="checkbox"/> Coating</p> <p><input checked="" type="checkbox"/> Anodizing</p> <p><input checked="" type="checkbox"/> Electroless Plating</p> <p><input checked="" type="checkbox"/> Electroplating</p>	
<p>(3) DESCRIPTION OF OPERATION</p>		<p>A. MONTHS WHICH REPORTS ARE DUE June & December</p>	
<p>B. PERIOD COVERED BY THIS REPORT FROM: JAN 2013 TO: JUNE 2013</p>		<p>(2) REPORTING PERIOD - FISCAL YEAR FROM JUN 1 TO MAY 31 (Both Semi-Annual Reports must cover Fiscal Year)</p>	
<p>C. FACILITY CONTACT TELEPHONE NUMBER: (800) 874-3388 e-mail: dezell@bampaint.com</p>		<p>A. LEGAL NAME & MAILING ADDRESS B&M PAINTING Co., INC. 347 VAN BUREN ST. CAMDEN, AR 71701</p>	
<p>B. FACILITY & LOCATION ADDRESS B&M PAINTING Co., Inc. 347 VAN BUREN ST. CAMDEN, AR 71701</p>		<p>(1) IDENTIFYING INFORMATION ADEQ LITTLE ROCK 8708363399 >> 501 682 0910 P 2/11 B & M Painting 501-682-0910 07/08/2013 11:14 2013-07-08 09:37</p>	

(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Cyanide)	200 gal.	300 gal.	D1 RINSE WATERS
403.6(e) Unregulated*			
403.6(e) Dilute			
Cooling Water			
Sanitary	200 gal.	200 gal.	SEWITARY
Total Flow to POTW	400 gal.	500 gal.	*****

*"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 _____
- None

B. COMMENTS ON TREATMENT SYSTEM

Cr⁺⁶ REDUCTION THROUGH
WASTE-WATER ION
EXCHANGE
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.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO*
Max for 1 day	<0.004	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
Monthly Ave	.07	1.71	2.07	0.43	2.38	0.24	1.48	0.65	--
Max Measured	.004	.031	.011	.0091	<.01	<.007	.023	<.01	—
Ave Measured	<0.004	.03	.01	.0051	<.01	<.007	.0161	<.01	—

Sample Location POTW OUTFALLS #1 & #2

Sample Type (Grab or Composite) COMPOSITE

Number of Samples and Frequency Collected 8 @ EVERY 3 HOURS

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

[Reserved]

B. CHECK ONE: G '433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED G '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.

DENVER EZEEL
(Typed Name)
[Signature]
(Corporate Officer or authorized representative)
Date of Signature 7-8-13

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____ 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 _____ day of _____, 200__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

**40CFR 403.12(b) Findings and Policy: (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 return 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:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(f)]

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.

DENVER L. FRELL
NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

CHEMICAL MANAGER
OFFICIAL TITLE


SIGNATURE

7-8-13
DATE SIGNED



July 2, 2013
Control No. 168597
Page 1 of 5

B & M Painting Co., Inc.
ATTN: Mr. Denver Ezell
347 Van Buren
Camden, AR 71701

This report contains the analytical results and supporting information for samples submitted on June 28, 2013. 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 Laboratory Director or a qualified designee.



John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: B & M Painting Co., Inc.
ATTN: Mr. Denver Ezell
dezell@bmpaint.com



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

SAMPLE INFORMATION

Project Description:

Two (2) water sample(s) received on June 28, 2013
Rinse Waters
P.O. No. BM062713-LAB-2

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:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
168597-1	Composite 2 Outfalls 2 Sanitaries "Main" 6/27/13 1530 Hrs	27-Jun-2013 1530	
168597-2	Composite 2 Outfalls 2 Sanitaries "B4" 6/27/13 1600 Hrs	27-Jun-2013 1600	

Case Narrative:

There were no qualifiers for this data and all samples met quality control criteria.

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", 21st edition.
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).



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

ANALYTICAL RESULTS

AIC No. 168597-1

Sample Identification: Composite 2 Outfalls 2 Sanitaries "Main" 6/27/13 1530 Hrs

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C.E	< 0.01	0.01	mg/l	
Prep: 02-Jul-2013 0810 by 308	Analyzed: 02-Jul-2013 1126 by 308		Batch: W44083	
Cadmium EPA 200.8	< 0.004	0.004	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Chromium EPA 200.8	0.028	0.007	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Copper EPA 200.8	0.0091	0.006	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Lead EPA 200.8	< 0.001	0.001	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Nickel EPA 200.8	< 0.01	0.01	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Silver EPA 200.8	< 0.007	0.007	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	
Zinc EPA 200.8	0.0093	0.002	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1549 by 305		Batch: S34929	

AIC No. 168597-2

Sample Identification: Composite 2 Outfalls 2 Sanitaries "B4" 6/27/13 1600 Hrs

Analyte	Result	RL	Units	Qualifier
Total Cyanide SM 4500-CN C.E	< 0.01	0.01	mg/l	
Prep: 02-Jul-2013 0810 by 308	Analyzed: 02-Jul-2013 1136 by 308		Batch: W44083	
Cadmium EPA 200.8	< 0.004	0.004	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Chromium EPA 200.8	0.031	0.007	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Copper EPA 200.8	0.011	0.006	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Lead EPA 200.8	0.0012	0.001	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Nickel EPA 200.8	< 0.01	0.01	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Silver EPA 200.8	< 0.007	0.007	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	
Zinc EPA 200.8	0.023	0.002	mg/l	
Prep: 28-Jun-2013 1206 by 100	Analyzed: 28-Jun-2013 1555 by 305		Batch: S34929	



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

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	88.7	85.0-115			W44083	02Jul13 0811 by 308	02Jul13 1123 by 308		
Cadmium	0.05 mg/l	100	85.0-115			S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
Chromium	0.05 mg/l	98.8	85.0-115			S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
Copper	0.05 mg/l	102	85.0-115			S34929	28Jun13 0921 by 271	28Jun13 1450 by 305		
Lead	0.05 mg/l	102	85.0-115			S34929	28Jun13 0921 by 271	28Jun13 1450 by 305		
Nickel	0.05 mg/l	90.5	85.0-115			S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
Silver	0.02 mg/l	94.3	85.0-115			S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
Zinc	0.05 mg/l	103	85.0-115			S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	168597-1	0.1 mg/l	88.8	75.0-125	W44083	02Jul13 0811 by 308	02Jul13 1127 by 308		
	168597-1	0.1 mg/l	92.5	75.0-125	W44083	02Jul13 0811 by 308	02Jul13 1129 by 308		
	Relative Percent Difference:		4.08	20.0	W44083				
Cadmium	168553-1	0.05 mg/l	97.7	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	97.0	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
	Relative Percent Difference:		0.601	20.0	S34929				
Chromium	168553-1	0.05 mg/l	98.8	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	94.9	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
	Relative Percent Difference:		2.03	20.0	S34929				
Copper	168553-1	0.05 mg/l	102	75.0-125	S34929	28Jun13 0921 by 271	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	104	75.0-125	S34929	28Jun13 0921 by 271	28Jun13 1450 by 305		
	Relative Percent Difference:		1.63	20.0	S34929				
Lead	168553-1	0.05 mg/l	101	75.0-125	S34929	28Jun13 0921 by 271	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	102	75.0-125	S34929	28Jun13 0921 by 271	28Jun13 1450 by 305		
	Relative Percent Difference:		0.666	20.0	S34929				
Nickel	168553-1	0.05 mg/l	92.3	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	95.1	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
	Relative Percent Difference:		2.84	20.0	S34929				
Silver	168553-1	0.02 mg/l	104	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1455 by 305		
	168553-1	0.02 mg/l	104	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
	Relative Percent Difference:		0.014	20.0	S34929				
Zinc	168553-1	0.05 mg/l	101	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1455 by 305		
	168553-1	0.05 mg/l	104	75.0-125	S34929	28Jun13 0921 by 100	28Jun13 1450 by 305		
	Relative Percent Difference:		2.72	20.0	S34929				



July 2, 2013
Control No. 168597
Page 5 of 5

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

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W44053-1	02Jun13 0811 by 305	03Jun13 1132 by 305	
Cadmium	< 0.004 mg/l	0.004	0.004	S34929-1	28Jun13 0921 by 100	28Jun13 1444 by 305	
Chromium	< 0.007 mg/l	0.007	0.007	S34929-1	28Jun13 0921 by 100	28Jun13 1444 by 305	
Copper	< 0.006 mg/l	0.006	0.006	S34929-1	28Jun13 0921 by 271	28Jun13 1444 by 305	
Lead	< 0.001 mg/l	0.001	0.001	S34929-1	28Jun13 0921 by 271	28Jun13 1444 by 305	
Nickel	< 0.01 mg/l	0.01	0.01	S34929-1	28Jun13 0921 by 100	28Jun13 1444 by 305	
Silver	< 0.007 mg/l	0.007	0.007	S34929-1	28Jun13 0921 by 100	28Jun13 1444 by 305	
Zinc	< 0.002 mg/l	0.002	0.002	S34929-1	28Jun13 0921 by 100	28Jun13 1444 by 305	

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE OF

PO No.	LAB 2		NO	OF	ANALYSES REQUESTED	NO.					Date/Time Collected	AIC Sample Identification	AIC Sample Date/Time	Sampled By	Project Manager	Project	Reference	Client	
	LAB	2				1	2	3	4	5									6

Client: B & M PAINTING	Project: FRESH WATERS	Reference: FRESH WATERS	Project Manager: D.L. ESTE	Sampled By: D.L. ESTE															
Project: LAB 2	SAMPLE MATRIX	NO. OF																	
<table border="1"> <tr> <td>B</td> <td>S</td> <td>A</td> <td>R</td> <td>O</td> </tr> <tr> <td>P</td> <td>M</td> <td>T</td> <td>A</td> <td>S</td> </tr> <tr> <td>L</td> <td>O</td> <td>S</td> <td>L</td> <td>E</td> </tr> </table>					B	S	A	R	O	P	M	T	A	S	L	O	S	L	E
B	S	A	R	O															
P	M	T	A	S															
L	O	S	L	E															
1	1	1	1	1															
2	2	2	2	2															

Container Type: G = Glass P = Plastic NO = none

Preservative: NO = none S = Sulfuric acid pH2 V = VOA vials N = Nitric acid pH2 H = HCl to pH2 B = NaOH to pH12 T = Sodium Thiosulfate Z = Zinc acetate

Field pH calibration on Buffer: _____