

Wilson, Tabatha

From: Gilliam, Allen
Sent: Monday, August 18, 2014 1:59 PM
To: mtidwell@bmpaint.com; tpayne@bmpaint.com; bmac@bmpaint.com
Cc: Fuller, Kim; Wilson, Tabatha; davidrcamdenh2o@cablelynx.com
Subject: AR0021661_B&M Painting ARP001058 late and non compliant June 2014 semi annual Pretreatment reports with ADEQ reply_20140818
Attachments: 433 semi annual report FORM- POTW 1 - 1-1-2014 TO 6-30-2014.pdf; 433 semi annual report FORM- POTW 2 - 1-1-2014 TO 6-30-2014.pdf; R-180956.pdf

Michael, et. al,

B&M's June 2014 corrected semi-annual reports were electronically received on August 15th, 2014, reviewed and deemed non-compliant.

B&M sampled from its two separate "treated" regulated wastewater discharge points to the City ("POTW #1" and "POTW #2").

Both samples violated the chromium Metal Finishing standards for the "maximum for any 1 day" of 2.77 mg/l and its "monthly average shall not exceed" of 1.71 mg/l.

Neither report from B&M made notification of these violations. Under 40 CFR 403.12(g)(2), "If sampling performed by [B&M] indicates a violation, [B&M] shall notify [ADEQ] within 24 hours of becoming aware of the violation. [B&M] shall also repeat the sampling and analysis and submit the results of the repeat analysis to [ADEQ] within 30 days after becoming aware of the violation..."

It's understood B&M is currently sampling both wastestreams to help explore the origins of the chrome excursions.

Please submit the two (2) (or more if necessary) analyticals and a corrective action plan within thirty (30) days from the date on this correspondence. If the chrome levels are still non-compliant with their Metal Finishing Pretreatment standard, please notify this office (and the City contact as a professional courtesy) and repeat the sampling/analysis/reporting until compliance is achieved.

A signed certification statement, "I certify under penalty of law that 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." must also be included in this report.

If there are further questions or comments please feel free to contact this office.

Sincerely,

Allen Gilliam

ADEQ State Pretreatment Coordinator
501.682.0625

ec: David Richardson, City of Camden, General Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Michael L. Tidwell [<mailto:mtidwell@bmpaint.com>]
Sent: Friday, August 15, 2014 9:58 AM
To: Gilliam, Allen
Subject: RE: Signed Semiannual reports

Mr. Gilliam,

I scanned the wrong report. This is the report that I changed to the new numbers after American Interplex converted the numbers to mg.

Thank You,
Michael L. Tidwell
Office Manager
B&M Painting Co., Inc.
Phone: 870.836.3388
Fax: 870.836.3399

From: Gilliam, Allen [<mailto:GILLIAM@adeq.state.ar.us>]
Sent: Friday, August 15, 2014 9:35 AM
To: mtidwell@bmpaint.com
Subject: RE: Signed Semiannual reports

Thanks for the reply Michael,

American Interplex' (AI) analyticals indicate chrome levels 10 times higher than what you wrote down on this 2nd (.pdf) submittal (different than your first MS Word report). Yesterday's MS Word report mirrored AI's analyticals. I suspect AI missed a couple decimal points based on your historical data on chrome unless you had some sort of "break thru" within your IX canisters (highly improbable).

At any rate, this office cannot commingle your latest semi-annual reports with AI's analyticals and place this office's response with attachments to you (and the internet) with the info I currently have on hand.

Yes, let's talk next Monday. Hope you had a great weekend,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

From: Michael L. Tidwell [<mailto:mtidwell@bmpaint.com>]
Sent: Friday, August 15, 2014 8:43 AM
To: Gilliam, Allen
Cc: 'Tracy Payne'; amac@bmpaint.com; mhopkins@bmpaint.com
Subject: Signed Semiannual reports

Mr. Gilliam,

I am so sorry about the signed forms I had them when I sent the original email but I forgot to scan the signature pages. Here you go!!!

I will get with the guys on the chrome levels on Monday. They left yesterday for a business trip. I looked through several years of reports and I am baffled at the levels on these samples. So let me call you on Monday after I speak to them.

Thank You,
Michael L. Tidwell
Office Manager
B&M Painting Co., Inc.
Phone: 870.836.3388
Fax: 870.836.3399

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>A. LEGAL NAME & MAILING ADDRESS</p> <p>B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>POTW # 1 B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701</p>
<p>C. FACILITY CONTACT: BRIAN McCASLAND TELEPHONE NUMBER: 870-836-3388 e-mail: bmac@bmpaint.com TRACY PAYNE TELEPHONE NUMBER: 870-836-3388 e-mail: tpayne@bmpaint.com</p>	

(2) REPORTING PERIOD—FISCAL YEAR From JANUARY to JUNE (Both Semi-Annual Reports must cover Fiscal Year)

<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p><u>JUNE & DECEMBER</u></p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: JANUARY 2014 TO: JUNE 2014</p>
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(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p><input type="checkbox"/> Electroplating <input type="checkbox"/> Electroless Plating <input checked="" type="checkbox"/> Anodizing <input checked="" type="checkbox"/> Coating (conversion) <input type="checkbox"/> Chemical Etching and Milling <input type="checkbox"/> Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)[*]</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>CR ANODIZING</u></p> <p><u>ALUMINUM CONVERSION COATING</u></p> <p><u>PENETRANT INSPECTION</u></p> <p><u>PAINTING</u></p> <p>_____</p> <p>_____</p>	<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>
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*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

<p>C. Number of Regular Employees at this Facility <u>35</u></p>	<p>D. [Reserved]</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)	2147	3500	BATCH (DI RINSE)
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	533	920	
Total Flow to POTW	2680	4420	

*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	.00088	5.5	.14	.0052	.084	.00068	.97	<0.01	*
Avg Measured**									*

Sample Location: BLDG # 1 - POTW #1

Sample Type (Grab* or Composite) GRAB

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

Number of Samples and Frequency Collected 3 GRABS COLLECTED 7-22-2014 TO 7-23-2014

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.

Bryan m^c Casland
(Typed/Printed Name)

Bryan m^c Casland
(Corporate Officer or authorized representative signature)

Date of Signature 8-13-14

(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

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

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]
SIGNATURE

VP Gen Mng
OFFICIAL TITLE

8-13-14
DATE SIGNED

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>A. LEGAL NAME & MAILING ADDRESS</p> <p>B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701</p>	<p>B. FACILITY & LOCATION ADDRESS</p> <p>POTW # 2 B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701</p>	
<p>C. FACILITY CONTACT: BRIAN McCASLAND TRACY PAYNE</p>	<p>TELEPHONE NUMBER: 870-836-3388 TELEPHONE NUMBER: 870-836-3388</p>	<p>e-mail: bmac@bmpaint.com e-mail:tpayne@bmpaint.com</p>

(2) REPORTING PERIOD--FISCAL YEAR From JANUARY to JUNE (Both Semi-Annual Reports must cover Fiscal Year)

<p>A. MONTHS WHICH REPORTS ARE DUE</p> <p>JUNE & DECEMBER</p>	<p>B. PERIOD COVERED BY THIS REPORT</p> <p>FROM: JANUARY 2014 TO: JUNE 2014</p>
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(3) DESCRIPTION OF OPERATION

<p>A. REGULATED PROCESSES</p> <p><u>CORE PROCESS(ES)</u></p> <p>CHECK EACH APPLICABLE BLOCK</p> <p>G Electroplating G Electroless Plating X Anodizing X Coating (conversion) G Chemical Etching and Milling G Printed Circuit Board Manufacture</p> <p><u>ANCILLARY PROCESS(ES)*</u></p> <p>LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>CR ANODIZING</u></p> <p><u>ALUMINUM CONVERSION COATING</u></p> <p><u>PENETRANT INSPECTION</u></p> <p><u>PAINTING</u></p> <p>_____</p> <p>_____</p>	<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>
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*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS

<p>C. Number of Regular Employees at this Facility <u>9</u></p>	<p>D. [Reserved]</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)	1073	3500	BATCH (DI RINSE
' 403.6(e) Unregulated*			
' 403.6(e) Dilute			
Cooling Water			
Sanitary	267	920	
Total Flow to POTW	1340	4420	

*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	.00054	3.4	.094	.0037	.052	< 0.005	.60	<0.01	*
Avg Measured**									*

Sample Location: BLDG # 4 - POTW #2

Sample Type (Grab* or Composite) GRAB

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

Number of Samples and Frequency Collected 3 GRABS COLLECTED 7-22-2014 TO 7-23-2014

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 m° Casland
(Typed/Printed Name)

Brian m° Casland
(Corporate Officer or authorized representative signature)

Date of Signature 8-13-14

(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

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

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]
SIGNATURE

VP Gen MGR
OFFICIAL TITLE

8-13-14
DATE SIGNED



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

This report replaces American Interplex Corporation (AIC) Control No. 180956 originally sent on July 28, 2014. This report contains the analytical results and supporting information for samples submitted on July 24, 2014. 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.

Report was revised to report results in mg/L.



John Overbey
Laboratory Director

This document has been distributed to the following:

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

SAMPLE INFORMATION

Project Description:

Six (6) water sample(s) received on July 24, 2014
Rinsewaters
P.O. No. LAB-72814-DE

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>
180956-1	POTW #1 7/22/14 1500Hrs	22-Jul-2014 1500	
180956-2	POTW #2 7/22/14 1500Hrs	22-Jul-2014 1500	
180956-3	POTW #1 7/22/14 1500Hrs	22-Jul-2014 1500	
180956-4	POTW #2 7/22/14 1500Hrs	22-Jul-2014 1500	
180956-5	POTW #1 7/23/14 1110 Hrs	23-Jul-2014 1110	
180956-6	POTW #2 7/23/14 1110 Hrs	23-Jul-2014 1110	

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", (SM).
"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. 180956-1

Sample Identification: POTW #1 7/22/14 1500Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Mercury EPA 245.2 Prep: 25-Jul-2014 0815 by 302	0.00020 Analyzed: 25-Jul-2014 1158 by 311	0.0002	mg/l Batch: S37122	
Total Recoverable Antimony EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.06 Analyzed: 24-Jul-2014 1626 by 305	0.06	mg/l Batch: S37118	
Total Recoverable Arsenic EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.00066 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Beryllium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0002 Analyzed: 24-Jul-2014 1626 by 305	0.0002	mg/l Batch: S37118	
Total Recoverable Cadmium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.00088 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Chromium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	5.5 Analyzed: 24-Jul-2014 1626 by 305	0.01	mg/l Batch: S37118	
Total Recoverable Copper EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.14 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Lead EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.0052 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Nickel EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.084 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Selenium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.005 Analyzed: 24-Jul-2014 1626 by 305	0.005	mg/l Batch: S37118	
Total Recoverable Silver EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.00068 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Thallium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0005 Analyzed: 24-Jul-2014 1626 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Zinc EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.97 Analyzed: 24-Jul-2014 1626 by 305	0.02	mg/l Batch: S37118	

AIC No. 180956-2

Sample Identification: POTW #2 7/22/14 1500Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Mercury EPA 245.2 Prep: 25-Jul-2014 0815 by 302	< 0.0002 Analyzed: 25-Jul-2014 1202 by 311	0.0002	mg/l Batch: S37122	
Total Recoverable Antimony EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.06 Analyzed: 24-Jul-2014 1630 by 305	0.06	mg/l Batch: S37118	
Total Recoverable Arsenic EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0005 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Beryllium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0005 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Cadmium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.00054 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	

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

ANALYTICAL RESULTS

AIC No. 180956-2 (Continued)

Sample Identification: POTW #2 7/22/14 1500Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Recoverable Chromium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	3.4 Analyzed: 24-Jul-2014 1630 by 305	0.01	mg/l Batch: S37118	
Total Recoverable Copper EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.094 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Lead EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.0037 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Nickel EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.052 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Selenium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.005 Analyzed: 24-Jul-2014 1630 by 305	0.005	mg/l Batch: S37118	
Total Recoverable Silver EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0005 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Thallium EPA 200.8 Prep: 24-Jul-2014 1254 by 305	< 0.0005 Analyzed: 24-Jul-2014 1630 by 305	0.0005	mg/l Batch: S37118	
Total Recoverable Zinc EPA 200.8 Prep: 24-Jul-2014 1254 by 305	0.60 Analyzed: 24-Jul-2014 1630 by 305	0.02	mg/l Batch: S37118	

AIC No. 180956-3

Sample Identification: POTW #1 7/22/14 1500Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Oil and Grease EPA 1664A Prep: 28-Jul-2014 1005 by 306	< 5 Analyzed: 28-Jul-2014 1312 by 301	5	mg/l Batch: B9085	

AIC No. 180956-4

Sample Identification: POTW #2 7/22/14 1500Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Oil and Grease EPA 1664A Prep: 28-Jul-2014 1005 by 306	< 5 Analyzed: 28-Jul-2014 1312 by 301	5	mg/l Batch: B9085	

AIC No. 180956-5

Sample Identification: POTW #1 7/23/14 1110 Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Cyanide SM 4500-CN C,E 1999 Prep: 25-Jul-2014 0823 by 308	< 0.01 Analyzed: 25-Jul-2014 1208 by 308	0.01	mg/l Batch: W48596	

AIC No. 180956-6

Sample Identification: POTW #2 7/23/14 1110 Hrs

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Cyanide SM 4500-CN C,E 1999 Prep: 25-Jul-2014 0823 by 308	< 0.01 Analyzed: 25-Jul-2014 1209 by 308	0.01	mg/l Batch: W48596	



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

LABORATORY CONTROL SAMPLE RESULTS

<u>Analyte</u>	<u>Spike Amount</u>	<u>%</u>	<u>Limits</u>	<u>RPD</u>	<u>Limit</u>	<u>Batch</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Total Cyanide	0.1 mg/l	89.1	85.0-115			W48596	25Jul14 0823 by 308	25Jul14 1159 by 308		
Mercury	0.0025 mg/l	85.7	85.0-115			S37122	25Jul14 0815 by 302	25Jul14 1148 by 311		
Oil and Grease	40 mg/l	102	78.0-114	3.00	20.0	B9085	28Jul14 1006 by 306	28Jul14 1312 by 301		
	40 mg/l	98.5	78.0-114			B9085	28Jul14 1006 by 306	28Jul14 1312 by 301		
Total Recoverable Antimony	0.05 mg/l	96.2	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Arsenic	0.05 mg/l	98.9	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Beryllium	0.05 mg/l	101	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Cadmium	0.05 mg/l	95.5	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Chromium	0.05 mg/l	102	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Copper	0.05 mg/l	98.4	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Lead	0.05 mg/l	100	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Nickel	0.05 mg/l	99.0	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Selenium	0.05 mg/l	98.8	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Silver	0.02 mg/l	98.7	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Thallium	0.05 mg/l	101	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		
Total Recoverable Zinc	0.05 mg/l	98.5	85.0-115			S37118	24Jul14 1021 by 305	24Jul14 1508 by 305		

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MATRIX SPIKE SAMPLE RESULTS

<u>Analyte</u>	<u>Sample</u>	<u>Spike Amount</u>	<u>%</u>	<u>Limits</u>	<u>Batch</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Dil</u>	<u>Qual</u>
Total Cyanide	180950-1	0.1 mg/l	88.9	75.0-125	W48596	25Jul14 0823 by 308	25Jul14 1202 by 308		
	180950-1	0.1 mg/l	88.0	75.0-125	W48596	25Jul14 0823 by 308	25Jul14 1204 by 308		
	Relative Percent Difference:		1.02	20.0	W48596				
Mercury	180956-1	0.0025 mg/l	77.0	70.0-130	S37122	25Jul14 0815 by 302	25Jul14 1151 by 311		
	180956-1	0.0025 mg/l	76.3	70.0-130	S37122	25Jul14 0815 by 302	25Jul14 1155 by 311		
	Relative Percent Difference:		0.902	20.0	S37122				
Total Recoverable Antimony	180873-1	0.05 mg/l	95.8	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	96.2	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		0.360	20.0	S37118				
Total Recoverable Arsenic	180873-1	0.05 mg/l	109	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	107	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.42	20.0	S37118				
Total Recoverable Beryllium	180873-1	0.05 mg/l	111	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	110	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.38	20.0	S37118				
Total Recoverable Cadmium	180873-1	0.05 mg/l	101	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	99.1	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.96	20.0	S37118				
Total Recoverable Chromium	180873-1	0.05 mg/l	102	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	104	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.47	20.0	S37118				
Total Recoverable Copper	180873-1	0.05 mg/l	101	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	103	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.23	20.0	S37118				
Total Recoverable Lead	180873-1	0.05 mg/l	102	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	102	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		0.488	20.0	S37118				
Total Recoverable Nickel	180873-1	0.05 mg/l	103	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	104	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.11	20.0	S37118				
Total Recoverable Selenium	180873-1	0.05 mg/l	120	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	115	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		3.98	20.0	S37118				
Total Recoverable Silver	180873-1	0.02 mg/l	96.8	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.02 mg/l	97.5	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		0.645	20.0	S37118				
Total Recoverable Thallium	180873-1	0.05 mg/l	104	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	103	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		0.819	20.0	S37118				
Total Recoverable Zinc	180873-1	0.05 mg/l	98.5	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1512 by 305		
	180873-1	0.05 mg/l	96.4	75.0-125	S37118	24Jul14 1021 by 305	24Jul14 1516 by 305		
	Relative Percent Difference:		1.39	20.0	S37118				



B & M Painting Co., Inc.
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Camden, AR 71701

LABORATORY BLANK RESULTS

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>PQL</u>	<u>QC Sample</u>	<u>Preparation Date</u>	<u>Analysis Date</u>	<u>Qual</u>
Total Cyanide	< 0.01 mg/l	0.01	0.01	W48596-1	25Jul14 0823 by 308	25Jul14 1157 by 308	
Mercury	< 0.0002 mg/l	0.0002	0.0002	S37122-1	25Jul14 0815 by 302	25Jul14 1144 by 311	
Oil and Grease	< 2 mg/l	2	5	B9085-1	28Jul14 1006 by 306	28Jul14 1312 by 301	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Beryllium	< 0.0002 mg/l	0.0002	0.0002	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Cadmium	< 0.0001 mg/l	0.0001	0.0001	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S37118-1	24Jul14 1021 by 305	24Jul14 1504 by 305	



LABORATORIES

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE OF

Client: <u>B.M. Painting Co., Inc.</u>		AIC CONTROL NO: <u>180956</u>	
Project Reference: <u>RINSEWATERS</u>		AIC PROPOSAL NO: <u> </u>	
Project Manager: <u>D.L. EZELL</u>		Carrier/Tracking No. <u> </u>	
Sampled By: <u>D.L. EZELL</u>		Received Temperature <u>2.5</u>	
Remarks <u> </u>		Remarks <u> </u>	

AIC No.	Sample Identification	Date/Time Collected	GRA B	COMP	SAMPLE MATRIX		NO OF BOTTLES	ANALYSES REQUESTED				Field pH calibration on <u>@</u> Buffer: <u> </u>	
					WATER	SOIL		H = HCl to pH2	B = NaOH to pH12	V = VOA vials	N = Nitric acid pH2		
<u>1</u>	<u>GRAB SAMPLE POTW #1 AND POTW #2</u>	<u>7/22/14 1:00 P.M.</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>2</u>	<u>GRAB SAMPLE POTW #1 AND POTW #2</u>	<u>7/23/14 1:00 P.M.</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>3</u>	<u>GRAB SAMPLE POTW #1 AND POTW #2</u>	<u>7/23/14 1:00 P.M.</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Relinquished By: <u>DAE</u>	Date/Time: <u>7/24/14 1:00 P.M.</u>	Received By: <u> </u>	Date/Time: <u> </u>
Relinquished By: <u> </u>	Date/Time: <u> </u>	Received in Lab By: <u> </u>	Date/Time: <u>7-24-14 10:15</u>
Comments: <u> </u>			

Turnaround Time Requested: (Please circle) <u>EXPEDITED</u> <u>3</u> DAYS
Expedited results requested by: <u>7-22-14</u>
Who should AIC contact with questions: <u>DEXTER EZELL</u>
Phone: <u>(870) 836-3388</u> Fax: <u>(870) 836-3399</u>
Report Attention to: <u>D.L. EZELL (OR) SANDY WHITE</u>
Report Address to: <u>349 VAN BUREN ST. CAMDEN, AR 71701</u>

JRS 12 X69 TWS 01 5763 0478