# Peltier, Hannah

Subject:	AR0022365_B and M Painting ARP001058 Oct 2014 additional sampling data non
	compliance and ADEQ reply_20141008
Attachments:	ADEQ letter 10-1-14.pdf; American Interplex 181707.pdf; American Interplex
	182483.pdf; American Interplex 182674.pdf; American Interplex 182976.pdf

From: Gilliam, Allen
Sent: Wednesday, October 08, 2014 9:09 AM
To: 'tpayne@bmpaint.com'; <u>bmac@bmpaint.com</u>; <u>mhopkins@bmpaint.com</u>
Cc: Fuller, Kim; Peltier, Hannah; <u>davidrcamdenh2o@cablelynx.com</u>; Healey, Richard
Subject: AR0022365\_B and M ARP001058

# Tracy and Brian,

Thank you for supplying this office with information on your corrective action plan (dated 10/2/14) regarding chrome excursions of the Metal Finishing standards in 40 CFR 433.17 from both of your processes with sampling points identified as "POTW #1 & POTW #2".

Please bear with me while sorting/synthesizing the additional attached documents recently received from B&M Painting trying to make some order out of them.

Samples taken on 7/22/14 from B&M's "POTWs #1 & 2" sampling points have previously been identified as non-compliant with CFR 433.17 on its late June 2014 semi-annual Pretreatment report. This office thought we were almost "up-to-speed" on the chrome issue via the previously addressed via an e-mail to B&M dated 10/6/14. The late June semi-annual report only included samples taken on 9/25/14 (see #4a below).

With this newest analytical information (attached):

- Indicating samples taken at "POTWs #1 & #2" (before and after "WWIX" [w.w. treatment]) on 8/18/14 (American Interplex' [AI] report dated 8/19/14);
  - a. B&M was non-compliant during the month of August '18 with the chrome Metal Finishing standards in 40 CFR 433.17 for "POTW #1" @ 5.8 mg/l;
  - b. B&M violated 40 CFR 403.12(g)(2) for not "...notifying ADEQ of this violation..."
- 2) Indicating a sample taken at "POTW #1" on 9/10/14 (AI's report dated 9/12/14) was non-compliant with both CFR 433.17's chrome daily maximum and the monthly average limitations @ 5.44 mg/l;
  - a. B&M violated 40 CFR 403.12(g)(2) for not "...notifying ADEQ of this violation..."
- 3) Indicating samples taken at "POTWs #1" on 9/16/14 (AI's report dated 9/18/14) back into compliance with its CFR 433 chrome limitations @ 0.4 mg/l;
- Recent e-mail from B&M indicated samples taken at "POTWs #1 & #2" on 9/25/14 (AI's report dated 9/29/14) indicated compliance with CFR 433 chrome limits @ 0.41 mg/l and 0.40 mg/l respectively;
  - a. However, taking the values of B&M's "POTW #1" samples during the month of September (for a monthly avg): 5.44 mg/l + 0.4 mg/l + 0.41 mg/l (divided by 3) = 2.08 mg/l, B&M is currently in non-compliance with the Metal Finishing standard's chrome "Monthly avg shall not exceed" limit of 1.71 mg/l.

B&M Painting must put into place its "corrective action plan" in hopes of treating chrome to achieve compliance with federal regulatory levels.

B&M Painting must continue sampling as frequently as necessary to ensure its "POTW #1" wastewater maintains compliance with the Metal Finishing's chrome "daily max" and "monthly avg not to exceed" limits.

B&M is in violation of its chrome Metal Finishing "monthly average" limits two (2) months in a row per the technical review criteria (TRC) in 40 CFR 403.8(f)(2)(viii)(B). One more month of exceeding the "monthly average" TRC value ("during a six month period") will meet the significant non-compliance criteria in 40 CFR 403.8(f)(2)(viii). Formal enforcement action may ensue if this occurs.

Please submit your next (early 10/14) sampling results within 5 working days from the date on this correspondence. Upon completion of the next two (2) calendar months of compliance with the Metal Finishing limits, B&M may resume semi-annual reporting during the months of June and December of each year.

If there are any 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 Richard Healy, NPDES Enforcement Branch Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Tracy Payne [mailto:tpayne@bmpaint.com]
Sent: Friday, October 03, 2014 10:10 AM
To: Gilliam, Allen
Cc: davidrcamdenh2o@cablelynx.com; bmac@bmpaint.com; 'Matthew Hopkins'; mtidwell@bmpaint.com
Subject: Waste Water Reporting

Mr. Allen Gilliam

Please see letter in attachment above as well as test data. B&M Painting is working to get current on our waste water reporting responsibilities.

Thank you

Tracy Payne B&M Painting Co., Inc. Phone: 870.836.3388 Fax: 870.836.3399 Cell: 870-833-2610 www.bmpainting.com

"Sell crazy somewhere else, we are all stocked up here" Melvin Udall

Notice: This e-mail, together with any attachments, is intended only for the use of the addressees. It contains B&M Painting Co., Inc. information that is privileged, confidential, proprietary or otherwise protected from disclosure. If you are not the addressee, then the review, distribution or other use of, or pursuing of any action in reliance upon this information is strictly prohibited. The information may be subject to the United States Export Control Laws and Regulations and its misuse could be a criminal offense. If received in error, please notify the sender immediately and destroy the original message, its attachments and all copies.



B&M PAINTING CO., INC.

347 Van Buren Camden, Arkansas 71701 (870) 836-3388

Allen Gilliam ADEQ State Pretreatment Coordinator

October 2, 2014

Mr. Gilliam,

I would like to start by thanking you for the patience and understanding you have shown with B&M Painting. With the untimely death of our chemical/waste manager Denver Ezell we have experienced difficulties in our reporting obligations.BM has multiple personnel trying to fill this void. Due to lack of internal communication we failed to send analytical reports as required to avoid being in violation.

Included in this package you will find all the test data we have preformed since filing our semiannual waste report in August 2014. As well as our corrective action plan. You were sent analytical data this week from test results 9-29-14 showing both POTW 1 (0.41) & POTW 2 (0.040) in compliance. While reconciling the files and test data we discovered that we had not sent you 3 previous test reports. As you will see POTW 1 was out of compliance on test report for 8-19-14 and 9-12-14.

As far as root cause and corrective action we are not sure about the samples that were represented in our semiannual report so we ran new test on 8-19-14. POTW 2 was in compliance (.65) and POTW 1 was out (5.8). At this time we sent our in house equipment out for calibration as well as replacing our WWIX filter banks on POTW 1. We retested only POTW 1 on 9-12-14 and were out of compliance (5.4). At this time we added a second bank of filters to WWIX on POTW 1 and retested on 9-18-14 in compliance (.40).

Our plan moving forward is more frequent testing, both in house as well as outside lab. We will start a SPC data log and use trend analysis to determine when the WWIX filter banks will need to be replaced. We will form a chain of command to know who is responsible for verifying test results as well recording and reporting information.

Sincerely,

Tracy Payne Blian M Cash

Brian McCasland

B&M Painting Co., Inc. Phone: 870.836.3388 Fax: 870.836.3399



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

# SAMPLE INFORMATION

Project Description: Four (4) water sample(s) received on August 18, 2014 **Rinse Waters** P.O. No. AP 081714-LAB

### Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

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

## Sample Identification:

Laboratory ID Client Sample ID

181707-1		Sampled Date/Time	Notes
181707-2	POTW-1 - Before WWIX 8-18-14 11:55 POTW-1 - After WWIX 8-18-14 11:55	18-Aug-2014 1155	
181707-3	POTW-2 - Before WWIX 8-18-14 11:45	18-Aug-2014 1155	
181707-4	POTW-2 - After WWIX 8-18-14 11:45	18-Aug-2014 1145	1
	- 0111-2 - Aller WWWA 0-18-14 11:45	18-Aug-2014 1155	1

Notes:

1. Sample was received unpreserved

## Qualifiers:

Result is from a secondary dilution factor D

Spiking level is invalid due to the high concentration of analyte in the spiked sample х

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

# ANALYTICAL RESULTS

AIC No. 181707-1

Sample Identification: POTW-1 - Before WWIX 8-18-14 11:55

Total Recoverable Chromiu	m	Result	<u>RL</u>	Units	Qualifier
	Dead do A	25	4 ug-2014 1321 by 302	mg/l Batch: S37240	D Dil: 500

AIC No. 181707-2

Sample Identification: POTW-1 - After WWIX 8-18-14 11:55

Units mg/l Batch: \$37241 mg/l Batch: \$37240 ng/l	<u>Qualifier</u>
<b>ng/l</b> Batch: \$37240	
ng/i	
ng/l	
ng/l	D Dil: 500
ng/l	Dil: 500
ng/i	211. 500
ıg/I	
ig/l	
ig/l	
g/l	
g/l lich: S37240	D Dil: 500
	atch: S37240 ng/l atch: S37240 ng/l atch: S37240 ng/l atch: S37240 ng/l atch: S37240 g/l atch: S37240 g/l tch: S37240 g/l

AIC No. 181707-3

Sample Identification: POTW-2 - Before WWIX 8-18-14 11:45

Analyte	Result	RL	Units	Qualifier
Total Recoverable Chro EPA 200.8	 6.9 Analyzed: 19-A	0.4 Aug-2014 1245 by 302	mg/l Batch: S37240	Dil: 50



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

### ANALYTICAL RESULTS

AIC No. 181707-4

Sample Identification: POTW-2 - After WWIX 8-18-14 11:45

Mercury	T	Result	RL	Units	Qualifier
EPA 245.2	Prep: 19-Aug-2014 0837 by 271	< 0.0002 Analyzed: 19-Aug	0.0002 -2014 1454 by 302	mg/l	Qualifier
Total Recoverable Antimore EPA 200.8	Prep: 19-Aug-2014 0825 by 271	< 0.03	0.03 -2014 1250 by 302	Batch: S37241 mg/I Batch: S37240	
Total Recoverable Arsenic EPA 200.8	Prep: 19-Aug-2014 0825 by 271	< 0.001	0.001	mg/i Batch: S37240	
Total Recoverable Berylliur EPA 200.8	Prep: 19-Aug-2014 0825 by 271	< 0.0003	0.0003	mg/l Batch: S37240	
Total Recoverable Cadmiun EPA 200.8	Prep: 19-Aug-2014 0825 by 271	<b>0.00089</b> Analyzed; 19-Aug-;	0.0001	mg/l Batch: S37240	
Total Recoverable Chromiu	m Prep: 19-Aug-2014 0825 by 271	0.66 Analyzed: 19-Aug-2	0.007	mg/l Batch: S37240	
Total Recoverable Copper EPA 200.8	Prep: 19-Aug-2014 0825 by 271	0.0052 Analyzed: 19-Aug-2	0.001	mg/l Batch: \$37240	
Total Recoverable Lead	Prep: 19-Aug-2014 0825 by 271	< 0.001 Analyzed: 19-Aug-2	0.001	mg/l Batch: \$37240	
Fotal Recoverable Nickel	Prep: 19-Aug-2014 0825 by 271	0.0032 Analyzed: 19-Aug-2	0.001	mg/] Batch: \$37240	
Fotal Recoverable Selenium	Prep: 19-Aug-2014 0825 by 271	< 0.002 Analyzed: 19-Aug-2	0.002	mg/l Batch: S37240	
Fotal Recoverable Silver	Prep: 19-Aug-2014 0825 by 271	< 0.0002 Analyzed: 19-Aug-2	0.0002	mg/l Batch: \$37240	
otal Recoverable Thallium PA 200.8	Prep: 19-Aug-2014 0825 by 271	< 0.001 Analyzed: 19-Aug-2	0.001	mg/l Batch: \$37240	
otal Recoverable Zinc PA 200.8	Prep: 19-Aug-2014 0825 by 271	0.023 Analyzea: 19-Aug-20	0.002	mg/l Batch: S37240	

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

# LABORATORY CONTROL SAMPLE RESULTS

Analyte Mercury	Spiko Amount	<u>%</u>	Limits	RPD	_ Limit	Batch	Preparation Date	Analysis Date	Dil	0
Total Recoverable Antimony	0.0025 mg/l	86.0	85.0-115			S37241	19Aug14 0837 by 271	19Aug14 1437 by 302		Qual
-	0.05 mg/l	102	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
Total Recoverable Arsenic	0.05 mg/l	102	85.0-115			S37240	19Aug14 0825 by 271			
Total Recoverable Beryllium	0.05 mg/l	108	85.0-115			S37240		19Aug14 1220 by 302		
Total Recoverable Cadmium	0.05 mg/l	103	85.0-115			and the second state	19Aug14 0825 by 271	19Aug14 1220 by 302		
Total Recoverable Chromium	0.05 mg/l					\$37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
Total Recoverable Copper		111	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
100000 - March 20 - Color - Co	0.05 mg/l	98.9	85.0-115			\$37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
Total Recoverable Lead	0.05 mg/l	103	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
Fotal Recoverable Nickel	0.05 mg/l	102	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
fotal Recoverable Selenium	0.05 mg/(	103	85.0-115			S37240				
fotal Recoverable Silver	0.02 mg/l	101	85.0-115				19Aug14 0825 by 271	19Aug14 1220 by 302		
otal Recoverable Thallium	0.05 mg/l					S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
olal Recoverable Zinc		106	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		
Cial Necoverable ZINC	0.05 mg/l	95.7	85.0-115			S37240	19Aug14 0825 by 271	19Aug14 1220 by 302		



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

# MATRIX SPIKE SAMPLE RESULTS

Analyte Mercury	Spike Sample Amount	%	Limits	Batch	Preparation Date	• • • • • • • • • • • • • • • • • •		
	181707-2 0.0025 mg/l 181707-2 0.0025 mg/l Relative Percent Difference	74.1 78.6 5.57	70.0-130 70.0-130 20.0	\$37241 \$37241 \$37241	19Aug14 0837 by 271 19Aug14 0837 by 271	Analysis Date 19Aug14 1441 by 302 19Aug14 1445 by 302	<u>2</u> 2 2	Qua
Total Recoverable Antimony	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference	104 105 : 1.22	75.0-125 75.0-125 20.0	\$37240 \$37240 \$37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302	:	
Total Recoverable Arsenic	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	96.2 95.7 0.520	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		
Total Recoverable Beryllium	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	95.5 90.7 5.06	75.0-125 75.0-125 20.0	S37240 S37240 S37240		19Aug14 1225 by 302 19Aug14 1230 by 302		
Total Recoverable Cadmium	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference;	101 101 0.350	75.0-125 75.0-125 20.0	\$37240 \$37240 \$37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		
Total Recoverable Chromium	181707-2 0.05 mg/i 181707-2 0.05 mg/i Relative Percent Difference:	- - 0.0736	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1307 by 302 19Aug14 1312 by 302	100 100	XXD
Fotal Recoverable Copper	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	- - 15.1	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1307 by 302 19Aug14 1312 by 302	100 100	x x p
otal Recoverable Lead	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	101 99.9 0.523	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		U
otal Recoverable Nickel	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	102 105 3.20	75.0-125 75.0-125 20.0	\$37240 \$37240 \$37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		
otal Recoverable Selenium	181707-2 0.05 mg/i 181707-2 0.05 mg/i Relative Pércent Difference:	94.2 92.9 1.39	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		
otal Recoverable Silver	181707-2 0.02 mg/l 181707-2 0.02 mg/l Relative Percent Difference:	108 108 0.0373	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1225 by 302 19Aug14 1230 by 302		
otal Recoverable Thallium	181707-2 0.05 mg/l	105 106 0.382	75.0-125 75.0-125 20.0	\$37240 \$37240 \$37240		19Aug14 1225 by 302 19Aug14 1230 by 302		
otal Récoverable Zinc	181707-2 0.05 mg/l 181707-2 0.05 mg/l Relative Percent Difference:	- 9.76	75.0-125 75.0-125 20.0	S37240 S37240 S37240	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1307 by 302 19Aug14 1312 by 302	100 100	x x D

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

# LABORATORY BLANK RESULTS

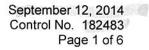
Analyte Mercury Total Recoverable Antimony Total Recoverable Arsenic Total Recoverable Beryllium Total Recoverable Cadmium	Result < 0.2 ug/l < 0.03 mg/l < 0.001 mg/l < 0.0003 mg/l	RL 0.2 0.03 0.001 0.0003	PQL 0.2 0.03 0.001 0.0003	QC Sample 537241-1 S37240-1 S37240-1 S37240-1	Preparation Date 18Aug14 0837 by 271 19Aug14 0825 by 271 18Aug14 0825 by 271 18Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1215 by 302 19Aug14 1215 by 302	Qual
Total Recoverable Caomium Total Recoverable Chromium Total Recoverable Copper Total Recoverable Lead Total Recoverable Nickel Total Recoverable Selenium Total Recoverable Silver Total Recoverable Silver Total Recoverable Thallium Total Recoverable Zinc	< 0.0001 mg/l < 0.007 mg/l < 0.001 mg/l < 0.001 mg/l < 0.001 mg/l < 0.002 mg/l < 0.002 mg/l < 0.001 mg/l < 0.002 mg/l	0.0001 0.007 0.001 0.001 0.001 0.002 0.0002 0.001 0.002	0.0001 0.007 0.001 0.001 0.001 0.002 0.0002 0.001 0.001 0.002	\$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1 \$37240-1	19Aug14 0825 by 271 19Aug14 0825 by 271	19Aug14 1215 by 302 19Aug14 1215 by 302	

4PM FROM-AMERICAN INTERPLEX	+5012245072	T-558 P.009 F-390
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T-558 P 009 E-390





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 the sample submitted on September 11, 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.

Overbey boratory Director

This document has been distributed to the following:

PDF cc: B & M Painting Co., Inc. ATTN: Mr. Tracy Payne tpayne@bmpaint.com



September 12, 2014 Control No. 182483 Page 2 of 6

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

### SAMPLE INFORMATION

### Project Description:

One (1) water sample(s) received on September 11, 2014 Rinse Water P.O. No. AM091114-C

### **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
182483-1	POTW1 9-10-14 1200	10-Sep-2014 1200	

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

### ANALYTICAL RESULTS

#### AIC No. 182483-1 Sample Identification: POTW1 9-10-14 1200 Units Qualifier Analyte Result RL **Total Cyanide** < 0.01 0.01 mg/l Analyzed: 11-Sep-2014 1322 by 308 Batch: W49180 SM 4500-CN C,E 1999 Prep: 11-Sep-2014 1105 by 308 < 0.0002 0.0002 ma/l Mercury Analyzed: 12-Sep-2014 1057 by 311 Batch: S37367 EPA 245.2 Prep: 12-Sep-2014 0832 by 311 5 **Oil and Grease** < 5 mg/l Analyzed: 12-Sep-2014 0859 by 285 Batch: B9153 EPA 1664A Prep: 11-Sep-2014 1500 by 285 ma/l < 0.03 0.03 Total Recoverable Antimony Batch: S37360 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 EPA 200.8 **Total Recoverable Arsenic** < 0.001 0.001 mg/l Batch: S37360 Analyzed: 12-Sep-2014 1113 by 302 EPA 200.8 Prep: 11-Sep-2014 1144 by 271 < 0.0003 0.0003 **Total Recoverable Beryllium** ma/l Batch: S37360 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 EPA 200.8 0.00051 0.0001 mg/l **Total Recoverable Cadmium** Batch: S37360 Analyzed: 12-Sep-2014 1113 by 302 EPA 200.8 Prep: 11-Sep-2014 1144 by 271 **Total Recoverable Chromium** 5.4 0.7 mg/l D Batch: S37360 Dil: 100 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 EPA 200.8 D 0.01 mg/l **Total Recoverable Copper** 0.65Batch: S37360 Dil: 10 EPA 200.8 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 0.052 0.001 mg/l **Total Recoverable Lead** EPA 200.8 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 Batch: S37360 0.001 mg/l Total Recoverable Nickel 0.030 Batch: S37360 EPA 200.8 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 < 0.002 0.002 mg/l Total Recoverable Selenium Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 Batch: S37360 EPA 200.8 0.0002 mg/l **Total Recoverable Silver** 0.0015 EPA 200.8 Batch: S37360 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 0.001 < 0.001 **Total Recoverable Thallium** mg/l Analyzed: 12-Sep-2014 1113 by 302 Batch: S37360 EPA 200.8 Prep: 11-Sep-2014 1144 by 271 **Total Recoverable Zinc** 0.69 0.02 mg/l D EPA 200.8 Prep: 11-Sep-2014 1144 by 271 Analyzed: 12-Sep-2014 1113 by 302 Batch: S37360 Dil: 10



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B & M Painting Co., Inc. 347 Van Buren NE 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	94.5	85.0-115			W49180	11Sep14 0907 by 308	11Sep14 1210 by 308		
Mercury	0.0025 mg/l	98.5	85.0-115			S37367	12Sep14 0832 by 311	12Sep14 1101 by 311		
Oil and Grease	40 mg/l 40 mg/l	89.0 89.0	78.0-114 78.0-114	0.00	20.0	B9153 B9153	11Sep14 1500 by 285 11Sep14 1500 by 285	12Sep14 0859 by 285 12Sep14 0859 by 285		
Total Recoverable Antimony	0.05 mg/l	107	85.0-115	0.00	20.0	S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Arsenic	0.05 mg/l	101	85.0-115			S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Beryllium	0.05 mg/l	90.3	85.0-115			S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Cadmium	0.05 mg/l	102	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		
Total Recoverable Chromium	0.05 mg/l	99.0	85.0-115			S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Copper	0.05 mg/l	104	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		
Total Recoverable Lead	0.05 mg/l	115	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		
Total Recoverable Nickel	0.05 mg/l	103	85.0-115			S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Selenium	0.05 mg/l	95.9	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		
Total Recoverable Silver	0.02 mg/l	111	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		
Total Recoverable Thallium	0.05 mg/l	102	85.0-115			S37360	11Sep14 0827 by 271	12Sep14 1008 by 302		
Total Recoverable Zinc	0.05 mg/l	102	85.0-115			S37360	11Sep14 0827 by 235	12Sep14 1008 by 302		



September 12, 2014 Control No. 182483 Page 5 of 6

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

### MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Sample Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	182442-2 0.1 mg/l 182442-2 0.1 mg/l Relative Percent Difference	95.9 89.2 7.24	75.0-125 75.0-125 20.0	W49180 W49180 W49180	11Sep14 0907 by 308 11Sep14 0907 by 308	11Sep14 1213 by 308 11Sep14 1215 by 308		
Mercury	182483-1 0.0025 mg/l 182483-1 0.0025 mg/l Relative Percent Difference.	83.7 85.8 2.45	70.0-130 70.0-130 20.0	S37367 S37367 S37367	12Sep14 0832 by 311 12Sep14 0832 by 311	12Sep14 1049 by 311 12Sep14 1053 by 311		
Total Recoverable Antimony	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	108 110 0.00	75.0-125 75.0-125	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Arsenic	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	114 108 0.0505	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Beryllium	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	78.0 77.9 0.185	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Cadmium	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	97.8 97.6 0.174	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 235 11Sep14 0827 by 235	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Chromium	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	96.9 95.6 0.560	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Copper	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	111 109 1.99	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 235 11Sep14 0827 by 235	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Lead	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	95.1 91.2 3.73	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 235 11Sep14 0827 by 235	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Nickel	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	98.1 97.3 0.342	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Selenium	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	96.9 97.4 0.524	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 235 11Sep14 0827 by 235	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Silver	182460-1 0.02 mg/l 182460-1 0.02 mg/l Relative Percent Difference:	100 114 5.70	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 235 11Sep14 0827 by 235	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Thallium	182460-1 0.05 mg/l 182460-1 0.05 mg/l Relative Percent Difference:	91.3 91.0 0.313	75.0-125 75.0-125 20.0	S37360 S37360 S37360	11Sep14 0827 by 271 11Sep14 0827 by 271	12Sep14 1105 by 302 12Sep14 1048 by 302		
Total Recoverable Zinc	0.05 mg/l	2		S37360				

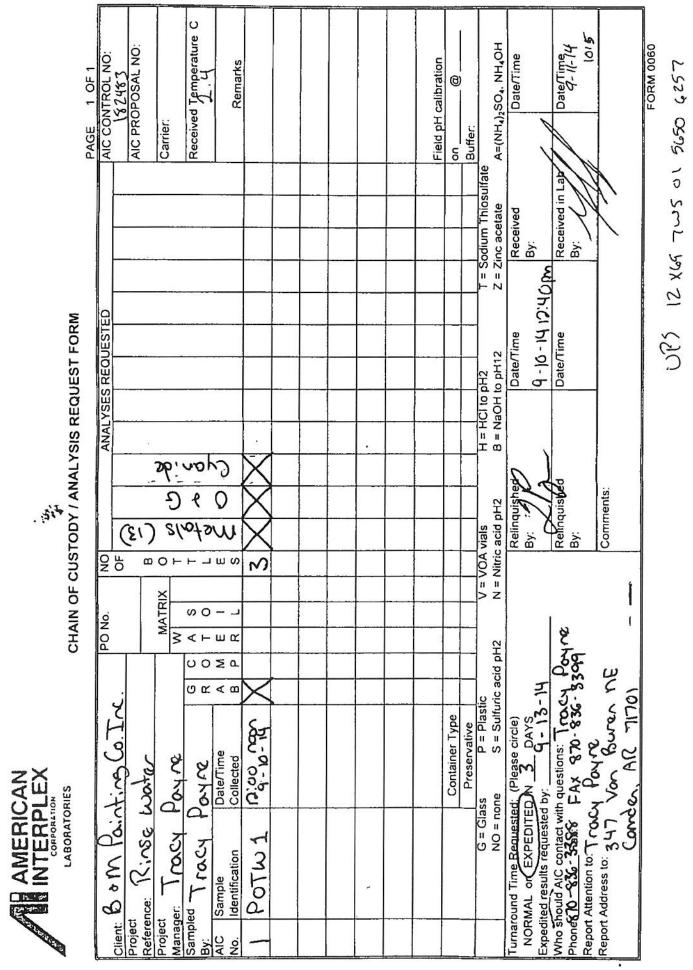


September 12, 2014 Control No. 182483 Page 6 of 6

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

## LABORATORY BLANK RESULTS

				QC			
Analyte	Result	RL	PQL	Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W49180-1	11Sep14 0907 by 308	11Sep14 1208 by 308	
Mercury	< 0.0002 mg/l	0.0002	0.0002	S37367-1	12Sep14 0832 by 311	12Sep14 1041 by 311	
Oil and Grease	< 2 mg/l	2	5	B9153-1	11Sep14 1500 by 285	12Sep14 0859 by 285	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Arsenic	< 0.001 mg/l	0.001	0.001	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Cadmium	< 0.0001 mg/l	0.0001	0.0001	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Copper	< 0.001 mg/l	0.001	0.001	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	
Total Recoverable Lead	< 0.001 mg/l	0.001	0.001	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	
Total Recoverable Nickel	< 0.001 mg/l	0.001	0.001	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	
Total Recoverable Thallium	< 0.001 mg/l	0.001	0.001	S37360-1	11Sep14 0827 by 271	12Sep14 1003 by 302	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S37360-1	11Sep14 0827 by 235	12Sep14 1003 by 302	



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September 29, 2014 Control No. 182976 Page 1 of 4

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 submitted on September 26, 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.

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This document has been distributed to the following:

PDF cc: B & M Painting Co., Inc. ATTN: Mr. Tracy Payne tpayne@bmpaint.com



September 29, 2014 Control No. 182976 Page 2 of 4

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

### SAMPLE INFORMATION

### **Project Description:**

Two (2) water sample(s) received on September 26, 2014 Rinse Waters P.O. No. AM 092914-LAB

### **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
182976-1	POTW #1 9-25-14 13:00	25-Sep-2014 1300	and the second second second
182976-2	POTW #2 9-25-14 13:00	25-Sep-2014 1300	

### 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).



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

### ANALYTICAL RESULTS

### AIC No. 182976-1 Sample Identification: POTW #1 9-25-14 13:00

Analyte		Result	RL	Units	Qualifier
Chromium		0.41	0.007	mg/l	
EPA 200.7	Prep: 26-Sep-2014 1212 by 235	Analyzed: 26-S	Sep-2014 1904 by 302	Batch: S37459	

# AIC No. 182976-2

### Sample Identification: POTW #2 9-25-14 13:00

Analyte		Result	RL	Units	Qualifier
Chromium		0.040	0.007	mg/l	
EPA 200.7	Prep: 26-Sep-2014 1212 by 235	Analyzed: 26-Se	p-2014 1908 by 302	Batch: S37459	



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

### LABORATORY CONTROL SAMPLE RESULTS

	Spike									
Analyte	Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Chromium	0.5 mg/l	103	85.0-115			S37459	26Sep14 1021 by 235	26Sep14 1836 by 302		

### MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Sample Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Chromium	182975-1 0.5 mg/l	89.5	75.0-125	S37459	26Sep14 1021 by 235	26Sep14 1842 by 302	-	
	182975-1 0.5 mg/l	92.1	75.0-125	S37459	26Sep14 1021 by 235	26Sep14 1847 by 302		
	Relative Percent Difference	: 2.79	20.0	S37459				

### LABORATORY BLANK RESULTS

				QC			
Analyte	Result	RL	PQL	Sample	Preparation Date	Analysis Date	Qual
Chromium	< 0.007 mg/l	0.007	0.007	S37459-1	26Sep14 1021 by 235	26Sep14 1832 by 302	

	PAGE 1 OF 1 AIC CONTROL NO: AIC PROPOSAL NO: Carrier: Received Temperature C Remarks	<ul> <li>Field pH calibration</li> <li>Field pH calibration</li> <li>n</li> <li< th=""></li<></ul>
CHAIN OF CUSTODY / AMALYSIS REQUEST FORM		$H = HCI to pH2  H = HCI to pH2  H = HCI to pH2  H = HCI to pH2  B = NaOH to pH12  Date/Time  Date/Time  12 \chi(cg, 7.55)$
AMERICAN CORFORATION LABORATORIES CHAIN OF CUSTC	Client: B & M. Pointing Co. Po No. No Project Reference: C::S: C & DAC Project Project Project Sampled Manager: Trocy Powne By: Trocy Powne By	Container Type     Container Type       G = Glass     Preservative       G = Glass     Preservative       C = Glass     Preservative       C = Glass     Preservative       C = Glass     P = Plastic       VO = none     S = Sulturic acid pH2       NORMAL     NO       NORMAL     NO       NORMAL     NORMAL       NORMAL     Expedited results requested by:       Vho     DAYS       Who should AIC contact with questions:     Frocy       Phone& 20-8366     8 70 -8 36 - 33 99       Phone& 20-8366     8 70 -8 36 - 33 99       Report Attention to:     Trocy       Report Attention to:     Trocy       Report Address to:     347       Si2014     9/2014