Gage, Hannah

From: Gilliam, Allen

Sent: Wednesday, December 30, 2015 1:45 PM mike tidwell; bmac; 'tpayne@bmpaint.com'

Cc: Gage, Hannah; davidrcamdenh2o@cablelynx.com

Subject: AR0022365_B and M Painting POTW Numbers 1 and No 2 ARP001058 December 2015

semi annual Pretreatment reports_20151230

Attachments: 2015 JULY-DEC POTW#1 433 semi annual report.doc; 2015 JULY-DEC POTW#2 433

semi annual report.doc; POTW1 JULY TO DEC 2015 196708.pdf; POTW2 JULY TO DEC

2015 196711.pdf

Michael,

B&M Painting's two semi-annual reports (attached) for its two outfalls to the City of Camden sewage collection system were electronically received, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(e) and more specifically compliant with the Metal Finishing Pretreatment Standards in 40 CFR 433.17.

Can you explain the elevated Zn level (1.4 mg/L) seen from the discharge of "POTW #1" on 11/30/15? The Metal Finishing Pretreatment Standards for the Monthly Average is 1.48 mg/L.

The source of this Zn should be monitored closely as a quick review of previous "POTW #1" results showed elevated Zn levels of 2.6 and 1.6 mg/L back in December of 2014. Notes to your file at that time indicated "...it is advised to complete and adhere to an ion exchange pass through check protocol to avoid Cr and Zn excursions."

No further action is deemed necessary at this time.

Thank you for your timely report.

Sincerely,

Allen Gilliam
ADEQ State Pretreatment Coordinator
501.682.0625

ec: David Richardson, Camden General Manager

E/NPDES/NPDES/Pretreatment/Reports

From: Michael L. Tidwell [mailto:mtidwell@bmpaint.com]

Sent: Wednesday, December 30, 2015 12:31 PM

To: Gilliam, Allen

Subject: RE: December Pretreatment reports

Allen,

Let me know if you need anything else.

Thank You, Michael L. Tidwell Controller

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

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: B&M PAINTING CO., INC.–POTW # 1

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

Use of this form is <u>not</u> an ADEQ requirement, but satisfies the reporting requirement	nts in 40 CFR 403.12(e). Attn: Water Div/NPDES Pretreatment				
(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # <u>ARP001058</u>					
A. LEGAL NAME & MAILING ADDRESS B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701	A. FACILITY & LOCATION ADDRESS POTW # 1 B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701				
C. FACILITY CONTACT: TRACY PAYNE TELEPHONE NUMBER					
BRIAN McCASLAND TELEPHONE NUMBER: (2) REPORTING PERIODFISCAL YEAR From JULY to D					
A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT				
JUNE & DECEMBER	FROM: JULY 2015 TO: DECEMBER 2015				
(3) DESCRIPTION OF OPERATION					
A. REGULATED PROCESSES CORE PROCESS(ES) CHECK EACH APPLICABLE BLOCK Electroplating Electroless Plating X Anodizing X Coating (conversion) Chemical Etching and Milling Printed Circuit Board Manufacture ANCILLARY PROCESS(ES)* LIST BELOW EACH PROCESS USED IN THE FACILITY CR ANODIZING ALUMINUM CONVERSION COATING PENETRANT INSPECTION PAINTING SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS	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.				
C. Number of Regular Employees at this Facility <u>39</u>	D. [Reserved]				

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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 &	1626	3500	BATCH (DI RINSE)
Regulated (Cyanide)			
§403.6(e) Unregulated*			
§403.6 (e) Dilute			
Cooling Water			
Sanitary	73	920	
Total Flow to POTW	1699	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.

(5)	MEASUREM	ENT OF	DOLT I	TANTC
(3)	MILASUKLMI	ENI UF	PULLU	IANIS

) WELL BOTHER THE TOTAL OF THE				
A. TYPE OF TREATMENT SYSTEM	B. COMMENTS ON TREATMENT SYSTEM			
CHECK EACH APPLICABLE BLOCK				
☐ Neutralization				
☐ Chemical Precipitation and Sedimentation				
☐ Chromium Reduction				
☐ Cyanide Destruction				
X Other WWIX (AND RECYCLED)				
□ None				

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSESCORE & 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	0.0059	.72	.11	0.0017	0.13	<0.0005	1.4	<0.01	*
Avg Measured**									*

Sample Location BLDG #1 – POTW #1

Sample Type (Grab* or Composite) COMPOSITE

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

Number of Samples and Frequency Collected <u>3 GRABS COLLECTED EVERY TWO HOURS BEGINNING AT 9:00 AM ON 11-30-15</u> – SINGLE GRAB FOR O&G AND CYANIDE AT 9:00 ON 11-30-15.

40CFR136 Preservation and Analytical Methods Use: X Yes No (include complete Chain of Custody) *If a TOMP has been submitted and approved by ADEQ place N/A.

[&]quot;Unregulated" has a precise legal meaning; see 40CFR403.6(e).

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: <u>B&M PAINTING CO., INC.-POTW #</u> $\underline{1}$

**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) Brian Mc Caslan
(Corporate Officer or authorized representative signature)
Date of Signature 12-30-15
(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]
(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.] \$6602 [42 U.S.C. 13101] Findings and Policy para (b) PolicyThe 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.
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40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: <u>B&M PAINTING CO., INC.-POTW #</u> $\underline{1}$

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	(8) GENERAL COMMENTS
	Analytical data from American Interplex Reports – 1. 196708 dated 12-3-2015
(9	SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(1)
	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 OF AUTHORIZED REPRESENTATIVE SIGNATURE

12/30/2015

DATE SIGNED

VICE PRESIDENT & GENERAL MANAGER

OFFICIAL TITLE

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

Use of this form is <u>not</u> an ADEQ requirement, but satisfies the reporting requireme	nts in 40 CFR 403.12(e). Attn: Water Div/NPDES Pretreatment				
(1) IDENTIFYING INFORMATION and NPDES Pretreatment Tracking # <u>ARP001058</u>					
A. LEGAL NAME & MAILING ADDRESS	A. FACILITY & LOCATION ADDRESS				
B&M PAINTING CO., INC. 347 VAN BUREN ST NE CAMDEN, AR 71701	POTW # 2 B&M PAINTING CO., INC. 217 POLK ST. CAMDEN, AR 71701				
C. FACILITY CONTACT: TRACY PAYNE TELEPHONE NUMBER BRIAN McCASLAND TELEPHONE NUMBER					
(2) REPORTING PERIODFISCAL YEAR From JULY TO D	ECEMBER (Both Semi-Annual Reports must cover Fiscal Year)				
A. MONTHS WHICH REPORTS ARE DUE	B. PERIOD COVERED BY THIS REPORT				
JUNE & DECEMBER	FROM: JULY 2015 TO: DECEMBER 2015				
(3) DESCRIPTION OF OPERATION					
A. REGULATED PROCESSES	B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF				
CORE PROCESS(ES)	THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.				
CHECK EACH APPLICABLE BLOCK					
☐ Electroplating ☐ Electroless Plating					
X Anodizing					
X Coating (conversion) ☐ Chemical Etching and Milling ☐ Printed Circuit Board Manufacture					
ANCILLARY PROCESS(ES)*					
LIST BELOW EACH PROCESS USED IN THE FACILITY					
<u>CR ANODIZING</u>					
ALUMINUM CONVERSION COATING					
PENETRANT INSPECTION					
PAINTING					
*SEE 40CFR433.10(a) FOR THE 40 ANCILLARY OPERATIONS					
C. Number of Regular Employees at this Facility <u>10</u>	D. [Reserved]				

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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 &	1125	3500	BATCH (DI RINSE)
Regulated (Cyanide)			
§403.6(e) Unregulated*			
§403.6(e) Dilute			
Cooling Water			
Sanitary	114	920	
Total Flow to POTW	1370	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.

(5)	MEASUDEMENT	OF POLLUTANTS
(3)	WIEASUKEWIENI	OF PULLUTANTS

(3) WENDERENTERT OF TOPECOTATION	
A. TYPE OF TREATMENT SYSTEM	B. COMMENTS ON TREATMENT SYSTEM
CHECK EACH APPLICABLE BLOCK	
 □ Neutralization □ Chemical Precipitation and Sedimentation □ Chromium Reduction □ Cyanide Destruction 	
X Other <u>WWIX (AND RECYCLED)</u> □ None	

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSESCORE & 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.

concernations are not access table, high the betterior beautiff concernation was below betterior beautiff.												
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	0.00080	.35	0.039	0.0015	0.031	<0.0005	0.67	<0.01	*			
Avg												
Measured**									*			

Sample Location BLDG #4 – POTW #2

Sample Type (Grab* or Composite) COMPOSITE

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

Number of Samples and Frequency Collected <u>3 GRABS COLLECTED EVERY TWO HOURS BEGINNING AT 9:15 AM ON 11-30-15</u> – SINGLE GRAB FOR O&G AND CYANIDE AT 9:00 ON 11-30-15.

40CFR136 Preservation and Analytical Methods Use: X 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

[&]quot;'Unregulated" has a precise legal meaning; see 40CFR403.6(e).

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: <u>B&M PAINTING CO., INC.-POTW #</u> 1

	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 <u>12-30-2015</u>	
(7)]	POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]	
(7)]	Section 2 (22 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.	
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Т	\$6602 [42 U.S.C. 13101] Findings and Policy para (b) PolicyThe 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,	,
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T Source 1 2 3	\$6602 [42 U.S.C. 13101] Findings and Policy para (b) PolicyThe 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,	,
T Source 1 2 3 4	§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 or recycled 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, see Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservaton:	,
T Source 1 2 3 4	§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, are Reduction, Waste Minimization, Lean Manufacturing, Water and/or Energy Conservaton:	,

40 CFR 433 SEMI-ANNUAL REPORT CON'D FACILITY NAME: <u>B&M PAINTING CO., INC.-POTW #</u> $\underline{\mathbf{1}}$

	(8) GENERAL COMMENTS
	Analytical data from American Interplex Reports – 1. 196711 dated 12-3-2015
(9) SEMI-ANNUAL/PERIODIC REPORT CERTIFICATION STATEMENT REQUIRED UNDER 40 CFR 403.12(1)
	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.
	penalties for submitting faise information, including the possionity of fine and imprisonment for knowing violations.
	TRACY PAYNE
	NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE SIGNATURE

VICE PRESIDENT & GENERAL MANAGER OFFICIAL TITLE

December 30, 2015 DATE SIGNED



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

This report contains the analytical results and supporting information for samples submitted on December 1, 2015. 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.

John Overbey Chief Operating Officer

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 tpayne@bmpaint.com



SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on December 1, 2015 Rinse Water P.O. No. Al 113015-SW-1

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
196708-1	POTW1	30-Nov-2015 0900	1
196708-2	POTW1	30-Nov-2015 1300	

Notes:

1. Sample container did not meet regulatory requirement

Qualifiers:

- D Result is from a secondary dilution factor
- X Spiking level is invalid due to the high concentration of analyte in the spiked sample

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).

[&]quot;Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

[&]quot;Standard Methods for the Examination of Water and Wastewaters", (SM).

[&]quot;American Society for Testing and Materials" (ASTM).

[&]quot;Association of Analytical Chemists" (AOAC).



ANALYTICAL RESULTS

AIC No. 196708-1

Sample Identification: POTW1 30-Nov-2015 0900

Analyte		Result	RL	Units	Qualifier
Mercury, low level EPA 245.7	Prep: 02-Dec-2015 0836 by 308	0.0053 Analyzed: 02-Dec-2	0.0050 2015 0919 by 308	ug/l Batch: S40209	
Total Recoverable Antimony EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.03 Analyzed: 02-Dec-2	0.03 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Arsenic EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.14 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Beryllium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Cadmium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.0059 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Chromius EPA 200.8	n Prep: 02-Dec-2015 0929 by 313	0.72 Analyzed: 02-Dec-2	0.1 2015 1636 by 317	mg/l Batch: S40210	D Dil: 10
Total Recoverable Copper EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.11 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Lead EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.0017 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Nickel EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.13 Analyzed: 02-Dec-:	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Selenium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.005 Analyzed: 02-Dec-2	0.005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Silver EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Thallium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1609 by 317	mg/l Batch: S40210	
Total Recoverable Zinc EPA 200.8	Prep: 02-Dec-2015 0929 by 313	1.4 Analyzed: 02-Dec-:	0.02 2015 1636 by 317	mg/l Batch: S40210	D Dil: 10

AIC No. 196708-2

Sample Identification: POTW1 30-Nov-2015 1300

Analyte		Result	RL	Units	Qualifier
Total Cyanide		< 0.01	0.01	mg/l	_
SM 4500-CN C,E 1999	Prep: 01-Dec-2015 1120 by 319	Analyzed: 01-D	ec-2015 1353 by 319	Batch: W54059	
Oil and Grease EPA 1664A	Prep: 01-Dec-2015 1409 by 301	< 5 Analyzed: 01-D	5 ec-2015 1515 by 301	mg/l Batch: B9787	



LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	102	85.0-115			W54059	01Dec15 0829 by 319	01Dec15 1250 by 308		
Mercury, low level	0.01 ug/l	87.3	76.0-113			S40209	02Dec15 0836 by 308	02Dec15 0859 by 308		
Oil and Grease	40 mg/l 40 mg/l	92.0 98.0	78.0-114 78.0-114	6.32	20.0	B9787 B9787	01Dec15 1409 by 301 01Dec15 1409 by 301	01Dec15 1515 by 301 01Dec15 1515 by 301		
Total Recoverable Antimony	0.05 mg/l	96.4	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Arsenic	0.05 mg/l	97.0	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Beryllium	0.05 mg/l	106	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Cadmium	0.05 mg/l	106	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Chromium	0.05 mg/l	101	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Copper	0.05 mg/l	104	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Lead	0.05 mg/l	102	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Nickel	0.05 mg/l	104	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Selenium	0.05 mg/l	103	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Silver	0.02 mg/l	97.3	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Thallium	0.05 mg/l	105	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Zinc	0.05 mg/l	107	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		



MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Sample Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	196404-1 0.1 mg/l 196404-1 0.1 mg/l Relative Percent Difference:	97.8 96.8 1.03	75.0-125 75.0-125 20.0	W54059 W54059 W54059	01Dec15 0829 by 319 01Dec15 0829 by 319	01Dec15 1254 by 308 01Dec15 1256 by 308		
Mercury, low level	196693-1 0.01 ug/l 196693-1 0.01 ug/l Relative Percent Difference:	90.2 84.2 4.58	63.0-111 63.0-111 18.0	S40209 S40209 S40209	02Dec15 0836 by 308 02Dec15 0836 by 308	02Dec15 0909 by 308 02Dec15 0914 by 308		
Total Recoverable Antimony	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	98.1 99.2 1.13	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Arsenic	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	91.8 91.7 0.0929	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Beryllium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 99.5 1.84	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		
Total Recoverable Cadmium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	104 105 0.320	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Chromium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	- - 1.83	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		X X
Total Recoverable Copper	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 102 0.879	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Lead	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	102 101 0.350	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Nickel	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 104 2.55	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		
Total Recoverable Selenium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	96.5 96.2 0.250	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Silver	196711-1 0.02 mg/l 196711-1 0.02 mg/l Relative Percent Difference:	97.7 98.7 1.03	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Thallium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	105 105 0.159	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		
Total Recoverable Zinc	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	- - 1.07	75.0-125 75.0-125 20.0	S40210 S40210 S40210	•	02Dec15 1551 by 317 02Dec15 1557 by 317		X X



LABORATORY BLANK RESULTS

				QC			
Analyte	Result	RL	PQL	Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W54059-1	01Dec15 0829 by 319	01Dec15 1248 by 308	
Mercury, low level	< 0.0050 ug/l	0.0050	0.0050	S40209-1	02Dec15 0836 by 308	02Dec15 0854 by 308	
Oil and Grease	< 5 mg/l	5	5	B9787-1	01Dec15 1409 by 301	01Dec15 1515 by 301	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Cadmium	< 0.0002 mg/l	0.0002	0.0002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: B & M Paint. Co. AT 1801S PO No. ANALYSES REQUESTED ACCONTROL NO. ANALYSES REQUESTED ACCONT	-			<u></u>															PAGE	1 OF 1	
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Container Type Preservative G = Glass P = Plastic NO = none S = Sulfuric acid pH2 Normaround Time Requested: (Please circle) NORMAL or (EXPEDITED IN 3 DAYS Expedited results requested by: 13 - 3 - 15 Who should AIC contact with questions: Phone 366 - 3388 Fax: 836 - 3399 Report Attention to: Report Address to: Report Address to: Report Address to: Comments: Comm			1. 10 13				<u> </u>											 			
Container Type Preservative G = Glass P = Plastic NO = none S = Sulfuric acid pH2 Normaround Time Requested: (Please circle) NORMAL or (EXPEDITED IN 3 DAYS Expedited results requested by: 13 - 3 - 15 Who should AIC contact with questions: Phone 366 - 3388 Fax: 836 - 3399 Report Attention to: Report Address to: Report Address to: Report Address to: Comments: Comm			 			 	<u> </u>												<u> </u>		
Preservative G = Glass						<u> </u>													Field pH	calibration	
G = Glass P = Plastic V = VOA vials H = HCl to pH2 T = Sodium Thiosulfate Z = Zinc acetate A = (NH ₄) ₂ SO ₄ . NH ₄ OH Turnaround Time Requested: (Please circle) NORMAL or EXPEDITED IN 3 DAYS Expedited results requested by: 19 - 3 - 15 Who should AIC contact with questions: Trocy Porce Phone 36: 3388 Fax: 836 - 3399 Report Attention to: Report Address to: Report Address: Condon AIC 71700 Comments: Comments						<u> </u>				,								_	on	@	
NO = none S = Sulfuric acid pH2 N = Nitric acid pH2 B = NaOH to pH12 Z = Zinc acetate A=(NH ₄) ₂ SO ₄ , NH ₄ OH Turnaround Time Requested: (Please circle) NORMAL or (EXPEDITED IN 3 DAYS Expedited results requested by: 12 - 3 - 15 Who should AIC contact with questions: Trocy Poyce Phone 36 - 3388 Fax: 836 - 3399 Report Attention to: Trocy Poyce Steport Address to: Relinquished By: Relinquished By: Date/Time Received in Lab By: Plant Time By: Comments: Comm					i		ليا					_,									
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B & M Painting Co., Inc. ATTN: Mr. Mat Hopkins 347 Van Buren Camden, AR 71701

This report contains the analytical results and supporting information for samples submitted on December 1, 2015. 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.

John Overbey
Chief Operating Officer

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 tpayne@bmpaint.com



SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on December 1, 2015 Rinse Water P.O. No. Al 113015-SW-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
196711-1	POTW2	30-Nov-2015 0915	1
196711-2	POTW2	30-Nov-2015 1315	

Notes:

1. Sample container did not meet regulatory requirement

Qualifiers:

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

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).

[&]quot;Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

[&]quot;Standard Methods for the Examination of Water and Wastewaters", (SM).

[&]quot;American Society for Testing and Materials" (ASTM).

[&]quot;Association of Analytical Chemists" (AOAC).



ANALYTICAL RESULTS

AIC No. 196711-1

Sample Identification: POTW2 30-Nov-2015 0915

Analyte		Result	RL	Units	Qualifier
Mercury, low level EPA 245.7	Prep: 02-Dec-2015 0836 by 308	< 0.0050 Analyzed: 02-Dec-2	0.0050 2015 0924 by 308	ug/l Batch: S40209	
Total Recoverable Antimony EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.06 Analyzed: 02-Dec-2	0.06 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Arsenic EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.0098 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Beryllium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Cadmium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.00080 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Chromiur EPA 200.8	n Prep: 02-Dec-2015 0929 by 313	0.35 Analyzed: 02-Dec-2	0.01 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Copper EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.039 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Lead EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.0015 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Nickel EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.031 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Selenium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.005 Analyzed: 02-Dec-2	0.005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Silver EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Thallium EPA 200.8	Prep: 02-Dec-2015 0929 by 313	< 0.0005 Analyzed: 02-Dec-2	0.0005 2015 1603 by 317	mg/l Batch: S40210	
Total Recoverable Zinc EPA 200.8	Prep: 02-Dec-2015 0929 by 313	0.67 Analyzed: 02-Dec-2	0.02 2015 1603 by 317	mg/l Batch: S40210	

AIC No. 196711-2

Sample Identification: POTW2 30-Nov-2015 1315

Analyte		Result	RL	Units	Qualifier
Total Cyanide		< 0.01	0.01	mg/l	
SM 4500-CN C,E 1999	Prep: 01-Dec-2015 1120 by 319	Analyzed: 01-D	ec-2015 1355 by 319	Batch: W54059	
Oil and Grease	D 01 D 001 T 1100 1 001	< 5	5	mg/l	
EPA 1664A	Prep: 01-Dec-2015 1409 by 301	Analyzed: 01-D	Dec-2015 1515 by 301	Batch: B9787	



LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	102	85.0-115			W54059	01Dec15 0829 by 319	01Dec15 1250 by 308		
Mercury, low level	0.01 ug/l	87.3	76.0-113			S40209	02Dec15 0836 by 308	02Dec15 0859 by 308		
Oil and Grease	40 mg/l 40 mg/l	92.0 98.0	78.0-114 78.0-114	6.32	20.0	B9787 B9787	01Dec15 1409 by 301 01Dec15 1409 by 301	01Dec15 1515 by 301 01Dec15 1515 by 301		
Total Recoverable Antimony	0.05 mg/l	96.4	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Arsenic	0.05 mg/l	97.0	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Beryllium	0.05 mg/l	106	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Cadmium	0.05 mg/l	106	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Chromium	0.05 mg/l	101	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Copper	0.05 mg/l	104	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Lead	0.05 mg/l	102	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Nickel	0.05 mg/l	104	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Selenium	0.05 mg/l	103	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Silver	0.02 mg/l	97.3	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Thallium	0.05 mg/l	105	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		
Total Recoverable Zinc	0.05 mg/l	107	85.0-115			S40210	02Dec15 0929 by 313	02Dec15 1546 by 317		



MATRIX SPIKE SAMPLE RESULTS

Analyte	Spike Sample Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	196404-1 0.1 mg/l 196404-1 0.1 mg/l Relative Percent Difference:	97.8 96.8	75.0-125 75.0-125 20.0	W54059 W54059 W54059		01Dec15 1254 by 308	<u> </u>	<u>Quai</u>
Mercury, low level	196693-1 0.01 ug/l 196693-1 0.01 ug/l Relative Percent Difference:	90.2 84.2 4.58	63.0-111 63.0-111 18.0	S40209 S40209 S40209	02Dec15 0836 by 308 02Dec15 0836 by 308	02Dec15 0909 by 308 02Dec15 0914 by 308		
Total Recoverable Antimony	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	98.1 99.2 1.13	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	,		
Total Recoverable Arsenic	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	91.8 91.7 0.0929	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Beryllium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 99.5 1.84	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Cadmium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	104 105 0.320	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	•	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Chromium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	- - 1.83	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		X X
Total Recoverable Copper	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 102 0.879	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Lead	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	102 101 0.350	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		
Total Recoverable Nickel	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	101 104 2.55	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Selenium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	96.5 96.2 0.250	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	02Dec15 0929 by 313 02Dec15 0929 by 313	,		
Total Recoverable Silver	196711-1 0.02 mg/l 196711-1 0.02 mg/l Relative Percent Difference:	97.7 98.7 1.03	75.0-125 75.0-125 20.0	\$40210 \$40210 \$40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		
Total Recoverable Thallium	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	105 105 0.159	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	•		
Total Recoverable Zinc	196711-1 0.05 mg/l 196711-1 0.05 mg/l Relative Percent Difference:	- - 1.07	75.0-125 75.0-125 20.0	S40210 S40210 S40210	02Dec15 0929 by 313 02Dec15 0929 by 313	02Dec15 1551 by 317 02Dec15 1557 by 317		X X



LABORATORY BLANK RESULTS

				QC			
Analyte	Result	RL	PQL	Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W54059-1	01Dec15 0829 by 319	01Dec15 1248 by 308	
Mercury, low level	< 0.0050 ug/l	0.0050	0.0050	S40209-1	02Dec15 0836 by 308	02Dec15 0854 by 308	
Oil and Grease	< 5 mg/l	5	5	B9787-1	01Dec15 1409 by 301	01Dec15 1515 by 301	
Total Recoverable Antimony	< 0.03 mg/l	0.03	0.03	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Arsenic	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Beryllium	< 0.0003 mg/l	0.0003	0.0003	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Cadmium	< 0.0002 mg/l	0.0002	0.0002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Chromium	< 0.007 mg/l	0.007	0.007	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Copper	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Lead	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Nickel	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Selenium	< 0.002 mg/l	0.002	0.002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Silver	< 0.0002 mg/l	0.0002	0.0002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Thallium	< 0.0005 mg/l	0.0005	0.0005	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	
Total Recoverable Zinc	< 0.002 mg/l	0.002	0.002	S40210-1	02Dec15 0929 by 313	02Dec15 1540 by 317	



CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

			PAGE 1 OF 1
Client: B& Parting Co. Project Reference: Rise Water Project Manager: Tracy Payre Sampled By: Sardy White R O AIC Sample Date/Time A M No. Identification Collected B P 1 POTW2 11-30-15	PO No. AT 13015 OF SW-Q MATRIX W A S T T O L E I E S	metals (18)	PAGE 1 OF 1 AIC CONTROL NO: AIC PROPOSAL NO: Carrier: Received Temperature C O
11-30-15 11-30-15 2 POTW2 11-30-15 2 POTW2 11-30-15			Field pH calibration on@
Preservative G = Glass P = Plastic NO = none S = Sulfuric acid plastic NORMAL or EXPEDITED IN DAYS Expedited results requested by: 10 - 3 - 15 Who should AIC contact with questions: Phone 36 - 35 & ax: 856 - 3399 Report Attention to: Report Address to: Email Address: 9/2014		A vials A vials B = NaOH to pH2 Relinquished By: Relinquished By: Date/Time Date/Time By: Comments: A vials B = NaOH to pH2 Date/Time Date/Time Received By: Comments: Date/Time Received in La By: Date/Time Received in La By: Date/Time Received in La By:	A=(NH ₄) ₂ SO ₄ , NH ₄ OH Date/Time Date/Time 12 1 15