

April 11, 2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

Subject: Durfee E/M
188BS16170

Dear Mr. Smith :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 04/04/2016 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 38342 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.





Brighton Analytical, L.L.C.TM
Email: ba@brighton-lab.com
2105 Pless Drive
Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #:
38342

Analysis Requested/Method

PAGE: ____ OF ____
COMPANY/MAILING ADDRESS:

PROJECT NAME: **DURFEE E/M**

PROJECT #: **1885 16170**

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: **KEVIN KLAS**

REQUESTED TURNAROUND: (circle one)
Rush: 1-3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____
Sample Coll. _____

Brighton ID # _____ Sample Description _____ Date _____ Time _____

Container Type & Quantity
VOA'S (PRES) Y N N/A
HDPE UNPRESERVED
HDPE HNO₃
HDPE H₂SO₄
HDPE NAOH
AMBER PRESERVED?
GLASS, NO PRESERVATIVE
STERILIZED BACTERIA
MEOH Preserved Y N

Sample Matrix

COPPER - PRIMARY - (P)
LEAD - PRIMARY - (P)
COPPER - FLUSH - (F) HOLD
LEAD - FLUSH - (F) HOLD

CL09014

ATC GROUP SERVICES
46555 HUMBOLDT DR #200
NOVI, MI, 48377
ATTN: ROBERT SMITH
PHONE: 248-669-5140
FAX OR EMAIL: ROBERT.SMITH@ATCGROUPSERVICES.COM
Samples received within hold time? yes ☒ no ☐ can
Temperature of samples °C: **4**
pHs verified in logn? yes ☒ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒
Sample containers and COC match? yes ☒ no ☐

1) **1-KS-P-DE-KITCHEN** 4/1 1250

2) **1-KS-E-DE-KITCHEN** 4/1 1251

3) **2-DWF-P-DE-HALL AT 114** 4/1 1255

4) **2-DWF-F-DE-HALL AT 114** 4/1 1256

5) **3-KS-P-DE-2ND FLOOR** 4/1 1300

6) **3-KS-F-DE-2ND FLOOR** 4/1 1301

7) _____

8) _____

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Special Instructions: **PLEASE ON CORNER EXCEED DETECTION LIMIT - ANALYZE FLUSH SAMPLES**

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

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Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/1/2016 12:50
Submit Date/Time: 4/4/2016 12:00
Report Date: 4/11/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38342**
BA Sample ID **CC09014**

Project Name: **Durfee E/M**
Project Number: **188BS16170**
Sample ID: **1-KS-P-DE-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	550	ug/L	20	1300	EPA 200.8 rev5.4	12:42	04/08/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	12:42	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 4/11/16



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/1/2016 12:55
Submit Date/Time: 4/4/2016 12:00
Report Date: 4/11/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38342**
BA Sample ID **CC09016**

Project Name: **Durfee E/M**
Project Number: **188BS16170**
Sample ID: **2-DWF-P-DE-Hall @ 114**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	400	ug/L	20	1300	EPA 200.8 rev5.4	13:14	04/08/2016
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	13:14	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date


4/11/16



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/1/2016 13:00
Submit Date/Time: 4/4/2016 12:00
Report Date: 4/11/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38342**
BA Sample ID **CC09018**

Project Name: **Durfee E/M**
Project Number: **188BS16170**
Sample ID: **3-KS-P-DE-2nd Fl. Lounge**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	210	ug/L	20	1300	EPA 200.8 rev5.4	13:18	04/08/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	13:18	04/08/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date


4/11/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/8/2016	Standard ID: 033116 H2O	Batch: 4/6/2016 W1
Matrix Spike Lab ID: CC09014	Matrix: Total	Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. SPEX 1&3 (%)
Sodium	15034	14778	1.7	10000	100.1	97.6	5020	<1000	95.5	90.4
Potassium	10730	10494	2.2	10000	93.0	90.6	1434	<100	97.5	94.7
Copper	1531	1507	1.6	1000	97.8	95.4	553	<1	98.0	96.0
Arsenic	976	985	0.9	1000	97.6	98.5	0	<1	95.5	92.4
Lead	935	926	1.0	1000	93.5	92.6	0	<1	95.2	91.1

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 30% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____