Brighton Analytical L.L.C.™
2105 Pless Drive · Brighton, Michigan 48114 · Phone (810) 229-7575 · Fax (810) 229-8650 · E-mail bai-brighton@sbcglobal.net

April 05, 2016

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

Subject: F.L.I.C.S.
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 03/31/2016 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 38269 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.

DEQ

NELAP ACCREDITED TNI LABORATORY

Certified WBENC Women's Business Enterprise

# Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net
2105 Pless Drive
Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 38269

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking $H_2O$
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: F.L.I.C.S.

PROJECT #: 188BS16170

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: KEVIN KLAIS

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: _____

Analysis Requested/Method

Container Type & Quantity

| Brighton ID # | Sample Description | Sample Coll. Date | Sample Coll. Time | VOA'S (PRES) Y N N/A | HDPE UNPRESERVED | HDPE $HNO_3$ | HDPE $H_2SO_4$ | 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 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | 1-DWF-P-FL-BSMT HALL 024 | 3/30 | 1250 | | | X | | | | | | | DW | X | X | | | | | CCO 85576 | |
| 2) | 1-DWF-F-FL-BSMT. HALL 024 | 3/30 | 1251 | | | X | | | | | | | DW | | | | X | X | | | 77 |
| 3) | 2-KS-P-FL-STAFF LOUNGE | 3/30 | 1300 | | | X | | | | | | | DW | X | X | | | | | | 78 |
| 4) | 2-KS-F-FL-STAFF LOUNGE | 3/30 | 1301 | | | X | | | | | | | DW | | | | X | X | | | 79 |
| 5) | 3-KS-P-FL-KITCHEN | 3/30 | 1311 | | | X | | | | | | | DW | X | X | | | | | | 80 |
| 6) | 3-KS-F-FL-KITCHEN | 3/30 | 1312 | | | X | | | | | | | DW | | | | X | X | | | 81 |
| 7) | | | | | | | | | | | | | | | | | | | | | |
| 8) | | | | | | | | | | | | | | | | | | | | | |
| 9) | | | | | | | | | | | | | | | | | | | | | |
| 10) | | | | | | | | | | | | | | | | | | | | | |

PAGE ___ OF ___

COMPANY/MAILING ADDRESS:
ATC GROUP SERVICES
46555 HUMBOLDT DR. #100
NOVI, MI, 48377
ATTN: ROBERT SMITH
PHONE: 248-669-5140
FAX OR EMAIL: ROBERT.SMITH@ATCASSOCIATES.COM

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C: 4
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):
SAME AS MAILING

Drinking $H_2O$:
Fax to LCHD? yes ☐ no ☒
Chlorinated Water Supply? yes ☒ no ☐
AMT.: N/A

MCL Failure: yes ☐ no ☒
Client Notified (date/time/initials): _____

Special Instructions: IF LEAD OR COPPER 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.*

| Trans. # | RELINQUISHED BY: | RECEIVED BY: | DATE: | TIME: | Trans. # | RELINQUISHED BY: | RECEIVED BY: | DATE: | TIME: |
|---|---|---|---|---|---|---|---|---|---|
| 1 | [signature] | [signature] | 3/30 | 0900 | 3 | | | | |
| 2 | [signature] | [signature] | 3/31/16 | 1100 | 4 | | | | |

**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: 3/30/2016 12:50
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

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

BA Project # **38269**
BA Sample ID **CC08576**

Project Name: **F.L.I.C.S.**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-FL-Bsmt. Hall 024**

| Analyte Name | Result | Units | RL | MCL | Method Reference | Analysis Time | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Drinking Water Metal Analysis** | | | | | | | |
| Total Copper (Drinking Water) | 110 | ug/L | 20 | 1300 | EPA 200.8 rev5.4 | 23:18 | 04/01/2016 |
| Total Lead (Drinking Water) | Not detected | ug/L | 1 | 15 | EPA 200.8 rev5.4 | 23:18 | 04/01/2016 |

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 4-5-16

**Brighton Analytical LLC**
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e-mail:bai-brighton@sbcglobal.net
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NELAC Accredited #176507

Sample Date/Time: 3/30/2016 13:00
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

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

BA Project # **38269**
BA Sample ID **CC08578**

Project Name: **F.L.I.C.S.**
Project Number: **188BS16170**
Sample ID: **2-KS-P-FL-Staff Lounge**

| Analyte Name | Result | Units | RL | MCL | Method Reference | Analysis Time | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Drinking Water Metal Analysis** | | | | | | | |
| Total Copper (Drinking Water) | 680 | ug/L | 20 | 1300 | EPA 200.8 rev5.4 | 23:36 | 04/01/2016 |
| Total Lead (Drinking Water) | 2 | ug/L | 1 | 15 | EPA 200.8 rev5.4 | 23:36 | 04/01/2016 |

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 4-5-16

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e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/30/2016 13:11
Submit Date/Time: 3/31/2016 11:00
Report Date: 4/5/2016

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

BA Project # **38269**
BA Sample ID **CC08580**

Project Name: **F.L.I.C.S.**
Project Number: **188BS16170**
Sample ID: **3-KS-P-FL-Kitchen**

| Analyte Name | Result | Units | RL | MCL | Method Reference | Analysis Time | Analysis Date |
|---|---|---|---|---|---|---|---|
| **Drinking Water Metal Analysis** | | | | | | | |
| Total Copper (Drinking Water) | 460 | ug/L | 20 | 1300 | EPA 200.8 rev5.4 | 23:40 | 04/01/2016 |
| Total Lead (Drinking Water) | Not detected | ug/L | 1 | 15 | EPA 200.8 rev5.4 | 23:40 | 04/01/2016 |

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 4-5-16

Brighton Analytical L.L.C.

# BRIGHTON ANALYTICAL, LLC

# QUALITY ASSURANCE/QUALITY CONTROL

# ICP-MS
# METHOD 200.8

## REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/1/2016 Standard ID: 033116 H2O Batch: 4/1/2016 W3

Matrix Spike Lab ID: CC08576 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 (%) |
| Copper | 1080 | 1068 | 1.1 | 1000 | 96.8 | 95.6 | 112 | <1 | 97.1 | 97.9 |
| Lead | 962 | 959 | 0.3 | 1000 | 96.2 | 95.9 | 0 | <1 | 95.5 | 91.8 |

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____