

April 11, 2016

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

Subject: Noble ES  
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 38345 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.<sup>TM</sup>  
Email: hah-brighton@abcglobal.net  
2105 Pless Drive  
Brighton, MI 48114  
Phone: 810-229-7575  
Fax: 810-229-8650

BA PROJECT #:  
**38345**

Analysis Requested/Method

PAGE: \_\_\_\_ OF \_\_\_\_  
COMPANY/MAILING ADDRESS:

PROJECT NAME: **NOBLE ES**

PROJECT #: **1808516170**

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

ABBREVIATIONS  
FOR MATRIX  
S = Solid  
L = Liquid  
DW = Drinking H<sub>2</sub>O  
O = OH  
P = Wipe  
A = Air (Tetlar Bag)  
F = Filter  
T = Tube  
M = Misc.

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:

Container Type & Quantity  
VOA'S (PRES) Y N N/A  
HDPE UNPRESERVED  
HDPE HNO<sub>3</sub>  
HDPE H<sub>2</sub>SO<sub>4</sub>  
HDPE NAOH  
AMBER PRESERVED?  
GLASS, NO PRESERVATIVE  
STERILIZED BACTERIA  
MEOH Preserved Y N

Sample Matrix

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

Drinking H<sub>2</sub>O:  
Fax to LCHD? yes ☐ no ☒  
Chlorinated Water Supply? yes ☒ no ☐  
AMT.: \_\_\_\_  
MCL Failure: yes ☐ no ☐  
Client Notified (date/time/initials): \_\_\_\_

BILLING ADDRESS (IF REQUIRED):

**SAME AS MAILING**

| Brighton ID # | Sample Description      | Date | Time | Trans. # |
|---------------|-------------------------|------|------|----------|
| 1)            | 1-KS-P-NE-2ND FLOOR     | 4/1  | 0942 | DW       |
| 2)            | 1-KS-F-NE-2ND FL LOUNGE | 4/1  | 0943 | DW       |
| 3)            | 2-KS-P-NE-KITCHEN       | 4/1  | 0945 | DW       |
| 4)            | 2-KS-F-NE-KITCHEN       | 4/1  | 0946 | DW       |
| 5)            | 3-DWF-P-NE-HALL @ CAFE  | 4/1  | 0952 | DW       |
| 6)            | 3-DWF-F-NE-HALL @ CAFE  | 4/1  | 0953 | DW       |
| 7)            |                         |      |      |          |
| 8)            |                         |      |      |          |
| 9)            |                         |      |      |          |
| 10)           |                         |      |      |          |

Special Instructions: **IF LEAD OR COPPER EXCEED DETECTOR 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        | <b>hck</b>         | <b>[Signature]</b> | 4/1/16 | 1010  | 3        |                  |              |       |       |
| 2        | <b>[Signature]</b> | <b>[Signature]</b> | 4/1/16 | 1200  | 4        |                  |              |       |       |



**Brighton Analytical LLC**  
2105 Pless Drive  
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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 09:42  
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 # **38345**  
BA Sample ID **CC09032**

Project Name: **Noble ES**  
Project Number: **188BS16170**  
Sample ID: **1-K-P-NE-2nd Fl. Lounge**

| Analyte Name                         | Result | Units | RL | MCL  | Method Reference | Analysis Time | Analysis Date |
|--------------------------------------|--------|-------|----|------|------------------|---------------|---------------|
| <b>Drinking Water Metal Analysis</b> |        |       |    |      |                  |               |               |
| Total Copper (Drinking Water)        | 640    | ug/L  | 20 | 1300 | EPA 200.8 rev5.4 | 14:53         | 04/08/2016    |
| Total Lead (Drinking Water)          | 5      | ug/L  | 1  | 15   | EPA 200.8 rev5.4 | 14:53         | 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  
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Phone: (810)229-7575 (810)229-8650  
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MDNRE Certified #9404  
NELAC Accredited #176507

Sample Date/Time: 4/1/2016 09:45  
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 # **38345**  
BA Sample ID **CC09034**

Project Name: **Noble ES**  
Project Number: **188BS16170**  
Sample ID: **2-KS-P-NE-Kitchen**

| Analyte Name | Result | Units | RL | MCL | Method Reference | Analysis Time | Analysis Date |
|--------------|--------|-------|----|-----|------------------|---------------|---------------|
|--------------|--------|-------|----|-----|------------------|---------------|---------------|

**Drinking Water Metal Analysis**

|                               |     |      |    |      |                  |       |            |
|-------------------------------|-----|------|----|------|------------------|-------|------------|
| Total Copper (Drinking Water) | 380 | ug/L | 20 | 1300 | EPA 200.8 rev5.4 | 15:12 | 04/08/2016 |
| Total Lead (Drinking Water)   | 3   | ug/L | 1  | 15   | EPA 200.8 rev5.4 | 15:12 | 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



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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 09:52  
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 # **38345**  
BA Sample ID **CC09036**

Project Name: **Noble ES**  
Project Number: **188BS16170**  
Sample ID: **3-DWF-P-NE-Hall @ Cafe**

| Analyte Name | Result | Units | RL | MCL | Method Reference | Analysis Time | Analysis Date |
|--------------|--------|-------|----|-----|------------------|---------------|---------------|
|--------------|--------|-------|----|-----|------------------|---------------|---------------|

**Drinking Water Metal Analysis**

|                               |     |      |    |      |                  |       |            |
|-------------------------------|-----|------|----|------|------------------|-------|------------|
| Total Copper (Drinking Water) | 160 | ug/L | 20 | 1300 | EPA 200.8 rev5.4 | 15:16 | 04/08/2016 |
| Total Lead (Drinking Water)   | 5   | ug/L | 1  | 15   | EPA 200.8 rev5.4 | 15:16 | 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.

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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 W2

Matrix Spike Lab ID: CC09063

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  | 942                        | 935                     | 0.7     | 1000                      | 93.4            | 92.7             | 8                  | <1                | 97.6               | 96.0                   |
| Arsenic | 941                        | 932                     | 1.0     | 1000                      | 94.0            | 93.1             | 1                  | <1                | 95.0               | 92.4                   |
| Lead    | 907                        | 931                     | 2.6     | 1000                      | 90.7            | 93.1             | 0                  | <1                | 94.3               | 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: \_\_\_\_\_