

April 05, 2016

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

Subject: Hutchinson
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 38261 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.

BA

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

PROJECT NAME: HUTCHINSON
 PROJECT #: 188BS16170
 PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

BA PROJECT #: 38261
 ABBREVIATIONS FOR MATRIX
 S = Solid
 L = Liquid
 DW = Drinking H₂O
 O = Oil
 P = Wipe
 A = Air (Tetlar Bag)
 F = Filter
 T = Tube
 M = Misc.

Analysis Requested/Method
 Sample Matrix
 DW
 DW
 DW
 DW
 DW
 DW

COMPANY/MAILING ADDRESS:
 ATC GROUP SERVICES
 46555 Humboldt Dr #100
 Novi, MI, 48377
 ATTN: ROBERT SMITH
 PHONE: 248-669-5740

FAX OR EMAIL:
 ROBERT.SMITH@ATCASSOCIATES.COM

Samples received within hold time? yes ☒ no ☐
 Temperature of samples °C: 7
 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 H₂O:
 Fax to LCHD? yes ☐ no ☒
 Chlorinated Water Supply? yes ☒ no ☐
 AMT.: 11A

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

Special Instructions: IF COVER OR LEAD EXCEED DETECTION LIMITS - 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	Bailey	Bailey	3/30/00		3				
2	Bailey	Bailey	3/31/00	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 10:05
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 # **38261**
BA Sample ID **CC08528**

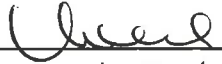
Project Name: **Hutchinson**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-HU-Hall @ 153**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	580	ug/L	20	1300	EPA 200.8 rev5.4	19:53	04/01/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:53	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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Phone: (810)229-7575 (810)229-8650
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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/30/2016 10:10
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 # **38261**
BA Sample ID **CC08530**

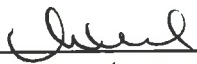
Project Name: **Hutchinson**
Project Number: **188BS16170**
Sample ID: **2-KS-P-HU-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	370	ug/L	20	1300	EPA 200.8 rev5.4	19:58	04/01/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:58	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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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/30/2016 10:17
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 # **38261**
BA Sample ID **CC08532**

Project Name: **Hutchinson**
Project Number: **188BS16170**
Sample ID: **3-DWF-P-HU-Rm 120**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	430	ug/L	20	1300	EPA 200.8 rev5.4	20:16	04/01/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	20:16	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

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 W2

Matrix Spike Lab ID: CC08534

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	1396	1401	0.4	1000	95.2	95.7	444	<1	99.1	97.9
Lead	986	976	1.0	1000	97.2	96.2	14	<1	98.6	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: _____