

May 02, 2016

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

Subject: Coleman A Young - 15771 Hubbell
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 04/25/2016 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 38704 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.™

Email: ba-brighton@shgglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #:
38704

Analysis Requested/Method

PAGE 1 OF 1
COMPANY/MAILING ADDRESS:

PROJECT NAME:

Coleman Young 15771 Huronville

PROJECT #:

1883516170

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by:

Charlie Lester

REQUESTED TURNAROUND: (circle one)
Rush: 1-3 business days (evently 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.

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

LEAD - Primary (P)
Copper - Primary (P)
LEAD - FLUSH (F) - H₂O
Copper - FLUSH (F) - H₂O

BILLING ADDRESS (IF REQUIRED):

Temperature of samples °C:
pHs verified in login? yes ☒ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒
Sample containers and COC match? yes ☒ no ☐

Drinking H₂O:
Fax to LCHD? yes ☐ no ☒
Chlorinated Water Supply? yes ☒ no ☐
AMT.: ☒

MCL Failure: yes ☐ no ☐

Client Notified (date/time/initials):

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

Special Instructions: IF Lead or Copper IS above detection limits primary & flush samples

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	Deborah	Steve	4/25/16	1200	3				
2	Steve	Steve	4/25/16	1:15 pm	4				



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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: 4/22/2016 06:20
Submit Date/Time: 4/25/2016 13:15
Report Date: 5/2/2016

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

BA Project # **38704**
BA Sample ID **CD01178**

Project Name: **Coleman A Young - 15771 Hubbell**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-Young Hall @ 115A**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
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Drinking Water Metal Analysis

Total Copper (Drinking Water)	150	ug/L	20	1300	EPA 200.8 rev5.4	02:03	04/28/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	02:03	04/28/2016

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


5/2/16



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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 4/22/2016 06:29
Submit Date/Time: 4/25/2016 13:15
Report Date: 5/2/2016

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

BA Project # **38704**
BA Sample ID **CD01180**

Project Name: **Coleman A Young - 15771 Hubbell**
Project Number: **188BS16170**
Sample ID: **2-DWF-P-Young Pre K #101**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	250	ug/L	20	1300	EPA 200.8 rev5.4	02:08	04/28/2016
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	02:08	04/28/2016

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

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Released by

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5/2/16



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Sample Date/Time: 4/22/2016 06:36
Submit Date/Time: 4/25/2016 13:15
Report Date: 5/2/2016

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

BA Project # **38704**
BA Sample ID **CD01182**

Project Name: **Coleman A Young - 15771 Hubbell**
Project Number: **188BS16170**
Sample ID: **3-SF-P-Young Teachers Lounge**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	150	ug/L	20	1300	EPA 200.8 rev5.4	02:13	04/28/2016
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	02:13	04/28/2016

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


5/2/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

METHOD 6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/28/2016 Standard ID: 042216 H2O Batch: 4/27/2016 W1

Matrix Spike Lab ID: CD01186 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1645	1655	0.6	1000	107.6	108.6	569	<20	102.0	103.9
Lead	1056	1046	1.0	1000	99.4	98.4	62	<1	97.6	96.5

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

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

Comments: _____