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Fax Cover Sheet

To:	Detroit Health Department Attn: Matt	From:	Linda Earl
Fax:	313-877-9244	Date:	8-1-16
Phone:		Pages:	
Re:	Water test results for Hamilton Academy	CC:	

Urgent For Review Please Comment Please Reply Please Recycle

Comments:

Water test results for Hamilton Academy located at 14223 Southamptn Detroit 48213.

Uk

**30233 Southfield Road, Suite 209
Southfield, Michigan 48076
PH: 248-712-4923
FAX: 248-712-4901**

June 08, 2016

ATC Group Services
Attn: Mr. Robert Smith
46555 Humboldt, Suite 100
Novi, MI 48377

Project: Hamilton Academy

Dear Mr. Robert Smith,

Enclosed is a copy of the laboratory report for the following work order(s) received by TriMatrix Laboratories:

Work Order	Received	Description
1605664	05/27/2016	Laboratory Services

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP) and/or one of the following certification programs:

ANAB DoD-ELAP/ISO17025 (#ADE-1542); Arkansas DEP (#88-0730/13-049-0); Florida DEP (#EB7622-24); Georgia EPD (#EB7622-24); Illinois DEP (#200026/003329); Kentucky DEP (AL123065/#0021); Michigan DPH (#0034); Minnesota DPH (#491715); New York ELAP (#11776/53116); North Carolina DNRE (#659); Virginia DCLS (#460153/7952); Wisconsin DNR (#999472650); USDA Soil Import Permit (#P330-14-00305).

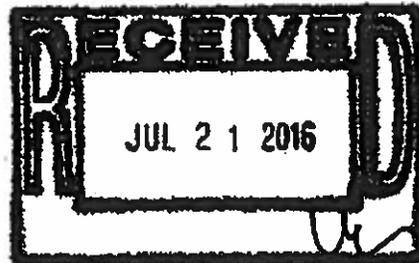
Any qualification or narration of results, including sample acceptance requirements and test exceptions to the above referenced programs, is presented in the Statement of Data Qualifications and Project Technical Narrative sections of this report. Estimates of analytical uncertainties and certification documents for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,



Gary L. Wood
Project Chemist





PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.



STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualification is required.



ANALYTICAL REPORT

Client: **ATC Group Services**
Project: **Hamilton Academy**
Client Sample ID: **1-DWF-P-H Hall @ Rm 114; Left**
Lab Sample ID: **1605664-01**
Matrix: **Drinking Water**

Work Order: **1605664**
Description: **Laboratory Services**
Sampled: **05/27/16 07:16**
Sampled By: **ATC**
Received: **05/27/16 16:45**

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Copper	0.089	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:38	DSC	1605612
Lead	0.0048	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:38	DSC	1605612

89
4.8



ANALYTICAL REPORT

Client: **ATC Group Services** Work Order: **1605664**
Project: **Hamilton Academy** Description: **Laboratory Services**
Client Sample ID: **2-DWF-P-H Hall @ Rm 100; Left** Sampled: **05/27/16 07:20**
Lab Sample ID: **1605664-03** Sampled By: **ATC**
Matrix: **Drinking Water** Received: **05/27/16 16:45**

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Copper	0.10	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:41	DSC	1605612
Lead	0.0013	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:41	DSC	1605612

100
1.3



ANALYTICAL REPORT

Client: **ATC Group Services** Work Order: **1605664**
Project: **Hamilton Academy** Description: **Laboratory Services**
Client Sample ID: **3-KS-P-H Kitchen; Center Sink** Sampled: **05/27/16 07:26**
Lab Sample ID: **1605664-05** Sampled By: **ATC**
Matrix: **Drinking Water** Received: **05/27/16 16:45**

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	By	QC Batch
Copper	0.18	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:43	DSC	1605612
Lead	0.0053	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	06/07/16 09:43	DSC	1605612

180
5.3



QUALITY CONTROL REPORT

Metals in Drinking Water by EPA 200 Series Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
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Analyte: Copper/USEPA-200.8 Rev. 5.4

QC Batch: 1605612 (Metals Direct Analysis)						Analyzed: 06/07/2016		By: DSC	
Method Blank			<0.0010	mg/L					0.0010
Laboratory Control Sample		0.200	0.208	mg/L	104	85-115			0.0010

Analyte: Lead/USEPA-200.8 Rev. 5.4

QC Batch: 1605612 (Metals Direct Analysis)						Analyzed: 06/07/2016		By: DSC	
Method Blank			<0.0010	mg/L					0.0010
Laboratory Control Sample		0.0400	0.0386	mg/L	96	85-115			0.0010



PRETREATMENT SUMMARY PAGE

Client: **ATC Group Services**
Project: **Hamilton Academy**

Pretreatment	Lab Sample ID	Batch	By	Date & Time Prepared
USEPA 600/R-94/173	1605664-01	1605612	LNS	06/02/16 08:15
	1605664-03	1605612	LNS	06/02/16 08:15
	1605664-05	1605612	LNS	06/02/16 08:15



Chain of Custody Record

GC# No. 160539478

6560 Corporate Exchange Court SE, Grand Rapids, MI 49512
Phone (616) 976-4500 Fax (616) 942-7483 www.trimatrixlab.com

Analyses Requested

Page 1 of 1

Client Name: **Hamilton Academy**
 ATC Group Services LLC
 Address: 46655 Humboldt Drive, Ste 100
 City, State Zip: Novi, MI 48377
 Phone: 248-889-5140 Fax: 248-889-5147
 Email: robert.smith@atcassociates.com

Project Name: **Hamilton Academy**
 Client Project No./P.O. No.:
 Invoiced To: Client Other (comment:)

Contact/Report To: **Robert Smith**

B	B	B	B	B	B				
Lead (Pb)									
Copper (Cu)									
Lead (Pb) HOLD									
Copper (Cu) HOLD									

Field Sample ID	Cooler ID	Sample Date	Sample Time	Number of Containers Sealed				Total Sample Containers
				A	B	C	D	
1-1-DWF-P-H Hall @ Rm 114; Left		5/27/16	716	X	W	X	X	
2-1-DWF-F-H Hall @ Rm 114; Left		5/27/16	717	X	W			
3-2-DWF-P-H Hall @ Rm 100; Left		5/27/16	720	X	W	X	X	
4-2-DWF-F-H Hall @ Rm 100; Left		5/27/16	721	X	W			
5-3-KS-P-H Kitchen; Center Sink		5/27/16	726	X	W	X	X	
6-3-KS-F-H Kitchen; Center Sink		5/27/16	727	X	W			
7								
8								
9								
10								

Sampled By (Print): **Ryan Rice**
 Sample's Signature: *Ryan Rice*
 Company/ATC Group Services LLC

How Sealed? _____ Hand _____ Cooler _____
 Tracking No. _____

1. Sealed by: *Ryan Rice* Date: *5/27/16* Time: *12:40*
 2. Sealed by: *Ryan Rice* Date: *5/27/16* Time: *12:40*
 3. Sealed by: *Ryan Rice* Date: *5/27/16* Time: *12:40*

ORIGINAL - LABORATORY

COPY - SAMPLER



Client: QTS
 Receipt Log #: 3-18
 Completed By (Print Name): JAN Date: 5/27/14
 Work Order #: 1605664
 Project Chemist: JDN

COC ID #: 160537478

Adjusted by: _____ Date: _____

DO NOT ADJUST pH FOR THESE CONTAINER TYPES

Container Type	5/23	4	15	6	15
Tag Color	LI. Blue	Blue	Brown	Red	Red Stripe
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HNO ₃	HNO ₃
Expected pH	>12	<2	<2	<2	<2
COC Line #1				✓	
COC Line #2				✓	
COC Line #3				✓	
COC Line #4				✓	
COC Line #5				✓	
COC Line #6				✓	
COC Line #7				✓	
COC Line #8				✓	
COC Line #9					
COC Line #10					

pH Strip Reagent #

6040283

Aqueous Samples: For each sample and container type, check the box if pH is acceptable. If pH is not acceptable for any sample container, record pH in box, and note on Sample Receiving Checklist and on Sample Receiving Non-Conformance Form. If approved by Project Chemist, add acid or base to this sample to achieve the correct pH. Add up to, but do not exceed 2x the volume initially added at container prep (see table below for initial volumes used). Add orange pH tag to sample container and record information requested. Record adjusted pH on this form. Do not adjust pH for container types 6 and 15.

COC ID # _____

Adjusted by: _____ Date: _____

DO NOT ADJUST pH FOR THESE CONTAINER TYPES

Container Type	5/23	4	15	6	15
Tag Color	LI. Blue	Blue	Brown	Red	Red Stripe
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄	HNO ₃	HNO ₃
Expected pH	>12	<2	<2	<2	<2
COC Line #1					
COC Line #2					
COC Line #3					
COC Line #4					
COC Line #5					
COC Line #6					
COC Line #7					
COC Line #8					
COC Line #9					
COC Line #10					

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5 NaOH	
500	2.5
1000	5.0
Container Type 4 H₂SO₄	
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 10 H₂SO₄	
500	2.5

Comments: _____