

February 07, 2017

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

Project: Matrix Center

Dear Mr. Robert Smith,

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

Work Order	Received	Description
1701322	01/23/2017	Spirit of Hope

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); Georgia (#026-999-161/1023062); Illinois DEP (#200026/003329); Kentucky DEP (AL123065/#0021); Michigan DPH (#0034); Minnesota DPH (#026-999-161/1023062); New York ELAP (#11776/53116); North Carolina DNRE Virginia DCLS (#460153/7952); Wisconsin DNR (#999472650); USDA Soil Import Permit (#659);(#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

Client Services Manager

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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.



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ANALYTICAL REPORT

Client: ATC Group Services Work Order: 1701322

Project: Matrix Center Description: Spirit of Hope
Client Sample ID: 1-KS-P-3 (Classroom #3) Sampled: 01/20/17 08:33

Lab Sample ID: 1701322-01 Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0026	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	02/06/17 10:58	DSC	1700855



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ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:2-KS-P-3 (Classroom #3)Sampled:01/20/17 08:36

Lab Sample ID: **1701322-03** Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.011	0.0010	0.015	ma/L	1	USEPA-200.8 Rev. 5.4	02/06/17 11:01	DSC	1700855



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ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:3-KS-P-2 (Classroom #2)Sampled:01/20/17 08:39

Lab Sample ID: **1701322-05** Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0028	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	02/06/17 11:04	DSC	1700855



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ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:4-KS-P-2 (Classroom #2)Sampled:01/20/17 08:41

Lab Sample ID: **1701322-07** Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0066	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:04	DSC	1700737



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ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:5-KS-P-2 (Classroom #2)Sampled:01/20/17 08:43

Lab Sample ID: 1701322-09 Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0025	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:18	DSC	1700737



Client: **ATC Group Services** Work Order: 1701322 Description: Project: Matrix Center Spirit of Hope Client Sample ID: 6-KS-P-2 (Classroom #2) 01/20/17 08:45 Sampled:

Lab Sample ID: 1701322-11 Sampled By: ATC

Matrix: **Drinking Water** Received: 01/23/17 15:28

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0093	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:21	DSC	1700737

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ANALYTICAL REPORT

Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:7-KS-P-1 (Classroom #1)Sampled:01/20/17 08:47

Lab Sample ID: 1701322-13 Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0086	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:25	DSC	1700737



Client: **ATC Group Services** Work Order: 1701322 Description: Project: Matrix Center Spirit of Hope Client Sample ID: 8-KS-P-1 (Classroom #1) 01/20/17 08:49 Sampled:

Lab Sample ID: 1701322-15 Sampled By: ATC

Matrix: **Drinking Water** Received: 01/23/17 15:28

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0093	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:28	DSC	1700737

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Client: **ATC Group Services** Work Order: 1701322 Description: Project: Matrix Center Spirit of Hope Client Sample ID: 9-KS-P-Kit Sampled: 01/20/17 08:50

Lab Sample ID: 1701322-17 Sampled By: ATC

Matrix: **Drinking Water** Received: 01/23/17 15:28

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0068	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:31	DSC	1700737

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Client:ATC Group ServicesWork Order:1701322Project:Matrix CenterDescription:Spirit of HopeClient Sample ID:10-BS-P-Women'sSampled:01/20/17 08:52

Lab Sample ID: 1701322-19 Sampled By: ATC

Matrix: Drinking Water Received: 01/23/17 15:28

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	0.0011	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:35	DSC	1700737



Client: **ATC Group Services** Work Order: 1701322 Description: Project: Matrix Center Spirit of Hope Client Sample ID: 11-BS-P-Men's Sampled: 01/20/17 08:55

Lab Sample ID: 1701322-21 Sampled By: ATC

Matrix: **Drinking Water** Received: 01/23/17 15:28

Metals in Drinking Water by EPA 200 Series Methods

Analyte	Analytical Result	RL	Action Limit	Unit	Dilution Factor	Method	Date Time Analyzed	Ву	QC Batch
Lead	<0.0010	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	01/31/17 12:45	DSC	1700737

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QUALITY CONTROL REPORT

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL
		ζ-γ-							
Analyte: Lead/USEPA-2	200.8 Rev. 5.4								
QC Batch: 1700855 (200.2 Dig	jestion)						Analyzed:	02/06/2017	By: DSC
Method Blank			<0.0010	mg/L					0.0010
Laboratory Control Sample		0.0500	0.0459	mg/L	92	85-115			0.0010
QC Batch: 1700737 (Metals Di	rect Analysis)						Analyzed:	01/31/2017	By: DSC
Method Blank			<0.0010	mg/L					0.0010
Laboratory Control Sample		0.0400	0.0392	mg/L	98	85-115			0.0010
1701322-07 [4-KS-P-2 (Class	sroom #2)]								
Matrix Spike	0.00663	0.0200	0.0264	mg/L	99	70-130			0.0010
Matrix Spike Duplicate	0.00663	0.0200	0.0266	mg/L	100	70-130	1	20	0.0010



PRETREATMENT SUMMARY PAGE

Client: **ATC Group Services Matrix Center** Project:

Pretreatment	Lab Sample ID	Batch	Ву	Date & Time Prepared
USEPA-200.2 Metals Digestion	1701322-01	1700855	JBA	02/01/17 12:45
	1701322-03	1700855	JBA	02/01/17 12:45
	1701322-05	1700855	JBA	02/01/17 12:45
USEPA 600/R-94/173	1701322-07	1700737	JBA	01/26/17 18:48
	1701322-09	1700737	JBA	01/26/17 18:48
	1701322-11	1700737	JBA	01/26/17 18:48
	1701322-13	1700737	JBA	01/26/17 18:48
	1701322-15	1700737	JBA	01/26/17 18:48
	1701322-17	1700737	JBA	01/26/17 18:48
	1701322-19	1700737	JBA	01/26/17 18:48
	1701322-21	1700737	JBA	01/26/17 18:48

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5560 Corporate Exchange Court SE Grand Rapids, MI 49512

Chain of Custody Record

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Women's RR					DW 1	<	8:52	1-20-2017		10-BS-P-Women's	. 1	D	2
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Date Tune	Date Time		Carrier									1-20-2017	1-20-2017	Cooler ID Sample Date	Robert Smith	Contact/Report To	Invoice To	TBD	Project Name Matrix - Sp	OS.COM	Fax (616) 942-7463
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Custody Seals: None	Custody Seals: None Present / Intact Present / Not Intact Coolant Type: Loose Ice Bagged Ice Blue Ice None Coolant Location: Dispersed / Top / Middle / Bottom Temp Blank Present Yes No If Present, Temperature Blank Location is: Representative Not Representative Observed Correction "C Factor "C Temp Blank: Sample 1: Sample 2: Sample 3:	Custody Seals: None Present / Infact Present / Not Infact Coolant Type: Loose Ice Bagged Ice Blue Ice None Coolant Location: Dispersed / Top / Middle / Bottom Temp Blank Present: Yes No If Present, Temperature Blank Location is: Representative Observed Correction C Factor C Temp Blank Sample 1: Sample 2:	Custody Seals: None Present / Intact Present / Not Intact Coclant Type: Loose Ice Bagged Ice Stue Ice None Coolant Location: Dispersed / Top / Middle / Botton Temp Blank Present: Yes No If Present, Temperature Blank Location is Representative Not Representative Coserved Correction Cos							
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○ VOC Trip Blank received?	☐ VOC Trip Blank received?	☐ VOC Trip Blank received?	O VOC Trip Blank received?							
Paperwork Received Yes No Chain of Custody record(s)? Received for Lab Signed/Dat Shipping document? Other COC Information Pace COC Other COC ID Numbers:	If No, Initiated By le/Time?	If either is ≥6° C. If "Yes", Project If "Yes", Project If "Yes" Completed Sample Completed Sample Samples chemical If "No", added ora	k OR average sample temperature, ≥6° C? was thermal preservation required? t Chemist Approval Initials: ted Non Con Cooler - Cont Inventory Form? by Preservation Verification Form? ly preserved correctly? nge tag? □ Na ₂ SO ₄							
	hes COC? COC? are received? flids? lete labels?		AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCS TO LAB(S)							