

May 31, 2016

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

Project: Nuturing Nest

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
1605451	05/17/2016	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 (#E87622-24); Georgia EPD (#E87622-24); 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**

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PROJECT TECHNICAL NARRATIVE(s)

No Project Narrative is associated with this report.

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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 Work Order: 1605451

Project: Nuturing Nest Description: Laboratory Services
Client Sample ID: **1-DWF-P-NN** Sampled: 05/11/16 06:13

Lab Sample ID: **1605451-01** Sampled By: ATC

Matrix: Drinking Water Received: 05/17/16 17:47

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
Copper	0.022	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:36	MSB	1605410
Lead	< 0.0010	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:36	MSB	1605410

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ANALYTICAL REPORT

Client: ATC Group Services Work Order: 1605451

Project: Nuturing Nest Description: Laboratory Services
Client Sample ID: **2-SF-P-NN** Sampled: 05/11/16 06:15

Lab Sample ID: **1605451-03** Sampled By: ATC

Matrix: Drinking Water Received: 05/17/16 17:47

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
Copper	0.12	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:37	MSB	1605410
Lead	0.0046	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:37	MSB	1605410



ANALYTICAL REPORT

Client: **ATC Group Services** Work Order: 1605451

Project: **Nuturing Nest** Description: **Laboratory Services** 05/11/16 06:18 Client Sample ID: 3-SF-P-NN Sampled:

Lab Sample ID: 1605451-05 Sampled By: ATC

Matrix: Received: 05/17/16 17:47 **Drinking Water**

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
Copper	0.18	0.0010	1.3	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:38	MSB	1605410
Lead	0.0054	0.0010	0.015	mg/L	1	USEPA-200.8 Rev. 5.4	05/27/16 12:38	MSB	1605410

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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
Analyte: Copper/USEPA-200.8 Rev. 5.4								
QC Batch: 1605410 (Metals Direct Analysis)						Analyzed:	05/27/2016	By: MSB
Method Blank		<0.0010	mg/L					0.0010
Laboratory Control Sample	0.200	0.213	mg/L	106	85-115			0.0010
Analyte: Lead/USEPA-200.8 Rev. 5.4								
QC Batch: 1605410 (Metals Direct Analysis)						Analyzed:	05/27/2016	By: MSB
Method Blank		<0.0010	mg/L					0.0010
Laboratory Control Sample	0.0400	0.0396	mg/L	99	85-115			0.0010



PRETREATMENT SUMMARY PAGE

Client: ATC Group Services
Project: Nuturing Nest

				Date & Time	
Pretreatment	Lab Sample ID	Batch	Ву	Prepared	
USEPA 600/R-94/173	1605451-01	1605410	ARB	05/26/16 17:20	
	1605451-03	1605410	ARB	05/26/16 17:20	
	1605451-05	1605410	ARB	05/26/16 17:20	



Chain of Custody Record

COC No. 160524969

Cart Can Use Unity	Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.c	Fax (616) 942-7463	and Kapid	www.trimatrixlabs.com	05.00	ğ	_		400	naly	ses	Analyses Requested	Pg. 1	0
								w	σ	В			Û	PRESERVATIVES
VOA Rack/Tray	ATC Group Services, LLC	Proje	Project Name Nu	Nuturing Nest	*		6	9	y (P)	-Hold		- Noo	□ >	NONE pH~7
Receipt Log No. 27	Address 46555 Humboldt Dr. Suite 100	Clien	Client Project No. / P.O. No. 188BS16237	lo. / P.O. No. 188BS16237				nary (F	Prima	sh (F)	ush (F)	usii (r)	D C	H ₂ SO ₄ pH<2
Project Chemist Jim McFadden	City, State Zip Novi, MI 48377	Invoi	Invoice To	☑ Client ☐ Other (comments)	Con	me	S.	d - Prir	per -	d - Flu		oer - rr		NaOH pH>12
Work Order No. 1	Phone: 248-669-5140 Fax 248-669-5147		Contact/Report To					Lea	Cop	Lea		Сор	6	MeOH
LOTA	Email robert.smith@atcassociates.com		Robert Smith					Con	ainer T	ype (cor	respo	Container Type (corresponds to Container Packing List)	Ŧ	Other (note below
Schedule Matrix Sample Code Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	v z o o	2 > 2 C	Matrix			Number	g Co	Number of Containers Submitted	Total	Sample Comment
0/ 01	1-DWF-P-NN		5/11/16	613	V. 1965	×	DW	×	×				m	East Wall
92 8	2 1-DWF-F-NN		5/11/16	614	Van u	×	DW			×	×	^	т	East Wall
00	3 2-SF-P-NN		5/11/16	615	V9/000	×	DW	×	×				Sink	Sink - North Wa
2	* 2-SF-F-NN		5/11/16	616	9800	×	DW			×	×		Sink	Sink - North Wa
9 9	5 3-SF-P-NN		5/11/16	618	Stores	×	DW	×	×					Kitchen
82 Ob	5 3-SF-F-NN		5/11/16	619	1286	X DW	N			×	×	^		Kitchen
	7													
	e													
	φ													
	10													
Sampled By (print) Dawn Winther Sappler's Signature	How Shipped? Hand	Carrier		Comments			5	ead o	уг соррь	er is abo	ve de	If lead or copper is above detection limits, please analyze flush samples	flush sample:	
Company ATC Group Services, LLC	Down Winker 1 Rollinguished By 1 Rollinguished By	47716	Time	2: Relinquished By	2				Date	Time	*	3. Retinquished By	Date	Time
	1 Received By	Date	Time	2. Received By					Date	Time	ō	3 Received For Lab By	Date 1	9 of 1

Page

SAMPLE RECEIVING / LOG-IN CHECKLIST TRIMATRIX New / Add To Project Ctremist Sample #s Recorded by (initials/date) Cooler ☐ IR Gun (#202) See Additional Cooler Thermometer Used Digital Thermometer (#54) Information Form Other (# Cooler # Time Cooler # Custody Seals: Custody Seals: Custody Seals: None C None □ None C None Present / Intact Present / Intact Present / Intact Present / Intact Present / Not Intact Present / Not Intact Present / Not Intact Present / Not Intact Coolant Type: Coolant Type: Coolant Type: Coolant Type: ☐ Loose Ice ☐ Loose Ice ☐ Loose Ice ☐ Loose Ice Bagged Ice Bagged Ice ☐ Bagged Ice Bagged Ice □ _Blue ice ☐ Blue Ice Blue Ice ☐ Blue Ice None ☐ None ☐ None ☐ None Coolant Location: Coolant Location: Coolant Location: Coolant Location: Dispersed / Top / Middle / Bottom Temp Blank Present: Yes No. Temp Blank Present: Yes No Temp Blank Present: Yes No Temp Blank Present: Yes No If Present, Temperature Blank Location is: Representative Not Representative Representative Not Representative Representative Not Representative Representative Not Representative Observed Correction Observed Correction Observed Correction Observed Correction Actual *C Actual *C Actual *C Actual *C Factor *C. Factor *C Factor *C Factor °C Temp Blank Temp Bland Temp Blank Temp Blan Sample 1 Sample 1 Sample 1 Sample 1 Sample 2 Sample 2 Sample 2 Sample 3 3 Sample Average °C: 3 Sample Average °C: 3 Sample Average °C: 3 Sample Average °C: Cooler ID on COC? Cooler ID on COC? Cooler ID on COC? ☐ Cooler ID on COC? ☐ VOC Trip Blank received? If any shaded areas checked, complete Sample Receiving Non-Conformance and/or Inventory Form Check Sample Preservation Chain of Custody record(s)? If No, Initiated By ☐ /Temperature Blank OR average sample temperature, ≥6" C? Received for Lab Signed/Date/Time? If either is ≥6° C, was thermal preservation required? 0 Shipping document? DODA If "Yes", Project Chemist Approval Initials: 0 Other If "Yes" Completed Non Con Cooler - Cont Inventory Form? COC Information Completed Sample Preservation Verification Form? TriMatrix COC D Other COC ID Numbers: 160524969 Samples chemically preserved correctly? COC ID Numbers: If "No", added orange tag? Received pre-preserved VOC soils? ☐ MeOH ☐ Na₂SO₄ Check COC for Accuracy Check for Short Hold-Time Prep/Analyses Bacteriological ☐ Analysis Requested? ☐ Air Bags AFTER HOURS ONLY: Sample ID matches COC? COPIES OF COC TO LAB AREA(S) ☐ EnCores / Methanol Pre-Preserved Sample Date and Time matches COC? □ Formaldehyde/Aldehyde O NONE RECEIVED Ø Container type completed on COC? Green-tagged containers RECEIVED, COCs TO LAB(S) Ø All container types indicated are received? ☐ Yellow/White-tagged 1 L ambers (SV Prep-Lab) Sample Condition Summary Notes N/A Yes Broken containers/lids? 0 Missing or incomplete labels? 0 Illegible information on labels? O Low volume received? Trip Blank received Trip Blank not listed on COC 0 Inappropriate or non-TriMatrix containers received? Paperwork Delivered (Date/Time) ≤1 Hour Goal Met? Cooler Received (Date/Time) ☐ VOC vials / TOX containers have headspace? Yes / No Extra sample locations / containers not listed on COC?

NUTURING NEST

SAMPLE PRESERVATION VERIFICATION FORM

page __/ of _/_ Work Order W

OC 10# 16Q	らえりらく	69	Adjusted by:		DO NOT AD	DJUST pH FOR T	HESE CONT	AINER TYPES
Container Type	5/23	4	13		6	15		T F G C
Tag Color	Lt. Blue	Blue	Brown		Red	Red Stripe	21.4	
Preservative	NaOH	H₂SO ₄	H ₂ SO ₄		HNO ₃	HNO ₂		7 10
Expected pH	>12	<2	<2		<2	<2	-	
COC Line #1		981.57			1	E. P.Cu		
COC Line #2	Alles E		Barry Barry		/	150	U, B. A	TANK
COC Line #3				77410				
COC Line #4	WALLEY.		1000	HILD	/	W. 17.		- 2000
COC Line #5		DATE:		TERM	/		· St. F	
COC Line #6		1			V		1919	- AHIL
COC Line #7							THE STATE OF	- 15
COC Line #8				25 631		112 13		TO BEU
COC Line #9	574	NATE OF		argui		34		
COC Line #10	When	The second	CONTROL S		120010	She cevil	1.55.0	Parti

рН	Strip Reagent #
Ø	6040263
0	MARKET !

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 the 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 AL	JUST pH FOR TI	HESE CONT	AINER TYPES
Container Type	5/23	4	13	SW Chys.	6	15	100	
Tag Color	Lt. Blue	Blue	Brown	are .	Red	Red Stripe		
Preservative	NaOH	H ₂ SO ₄	H ₂ SO ₄		HNO ₃	HNO ₃		10.15
Expected pH	>12	<2	<2		<2	<2		
COC Line #1								
COC Line #2		III II	= 14 (4-70)			U 1886		
COC Line #3				NE LEN	100	CHE G		
COC Line #4					18.00	-12 3		
COC Line #5			(A)	1.50	4110	01501		320
COC Line #6								
COC Line #7		Made	10000	MERR	12 8	74		200
COC Line #8	FILE	W. C.						Mark The
COC Line #9	THE STATE OF		The pro-	at LIF	17	The residence		av T
COC Line #10	0.08	VEL .		Selection .				

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 13	H ₂ SO _e				
500	2.5				