



Analytical Report For
Monroe 1 BOCES
For Lab Project ID
164093
Referencing
Drinking Water Retest
Prepared
Tuesday, October 25, 2016

The enclosed reports reflect an analysis that has been subcontracted and are presented in their original form.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

ANALYTICAL REPORT

Job Number: 420-110652-1

Job Description: Paradigm Environmental, Inc.

For:
Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608

Attention: Rebecca Ross



Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
10/25/2016

cc: Joni Deutscher
Paradigm Reporting

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

Job Narrative
420-J110652-1

Comments

This report the report issued 10/3/16, Copper was added to the analyte list as per J. Daloia at Paradigm.

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

No analytical or quality issues were noted.

METHOD SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-110652-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
ICPMS Metals by 200.8	EnvTest	EPA 200.8 Rev.5.4	
200 Series Drinking Water Prep Determination Step	EnvTest		EPA 200

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-110652-1

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Cusack, Renee	RC
EPA 200.8 Rev.5.4	Sirico, Derek	DS

SAMPLE SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-110652-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-110652-1	Morgan Rm 216	Drinking Water	09/21/2016 0711	09/22/2016 1045
420-110652-2	Bird Rm 08	Drinking Water	09/21/2016 0716	09/22/2016 1045

Rebecca Ross
Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608

Job Number: 420-110652-1

Client Sample ID: Morgan Rm 216
Lab Sample ID: 420-110652-1

Date Sampled: 09/21/2016 0711
Date Received: 09/22/2016 1045
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4					
Prep Method: 200					
Pb	5.86	ug/L	1.00	1.00	1.0
Method: 200.8 Rev.5.4					
Prep Method: 200					
Cu	1390 g	ug/L	100	100	10

Rebecca Ross
Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608

Job Number: 420-110652-1

Client Sample ID: Bird Rm 08
Lab Sample ID: 420-110652-2

Date Sampled: 09/21/2016 0716
Date Received: 09/22/2016 1045
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		10/02/2016 1857	
Prep Method: 200		Date Prepared:		09/30/2016 1630	
Cu	201	ug/L	10.0	10.0	1.0
Pb	1.56	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Paradigm Environmental Services, Inc.

Job Number:

Lab Section	Qualifier	Description
Metals	g	Result fails applicable NYS drinking water standards

Certification Information

Client: Paradigm Environmental Services, Inc.

Job Number:

The following analytes are Not Part of the ELAP scope of accreditation

Sulfur, Tungsten, Silicon, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide, Carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Phenolphthalien Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture) , Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

The following analytes are Not Part of ELAP Potable Water scope of accreditation

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation

Dissolved Organic Carbon (5310C), Mecoprop (8151A), & MCPA (8151A).

Definitions and Glossary

Client: Paradigm Environmental Services, Inc.

Job Number:

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent.
ND	Not detected at the reporting limit (or MDL if shown).
QC	Quality Control
RL	Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.
RPD	Relative Percent Difference - a measure of the relative difference between two points

From: Jane Daloia
To: mruthven@envirotestlaboratories.com
Subject: DW Project 2 samples from 9/21 update
Date: Monday, October 17, 2016 12:11:45 PM

Hi Meredith,

Happy Monday. I hope you had a nice weekend. I have 2 samples with you for DW Pb that should have also had the Copper added to it. The first one is Morgan Room 216 the other Bird Room 08. You received them 9/21. If you could please add the Copper to this project, I would appreciate it. Once these are completed, that client is done with DW for what, the next 5 years ☺ ! I am trying to be positive for you.

Thanks for your help.

Jane

Jane Daloia

Client Service Manager

179 Lake Avenue
Rochester, NY 14608

OFFICE: 585.647.2530
FAX: 585.647.3311

jdaloia@paradigmenv.com
www.paradigmenv.com



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**CHAIN OF CUSTODY**

110652

ENVIROTEST: ELAP ID: 10142

1 of 1

REPORT TO:		INVOICE TO:	
COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	STD OTHER	
PHONE: FAX:	PHONE: FAX:	1 2 3 <input checked="" type="checkbox"/> 5	
PROJECT NAME/SITE NAME:	ATTN: Reporting	Date Due: 9/29/16	
	ATTN: Accounts Payable		
COMMENTS: Please email results to reporting@paradigmenv.com			

REQUESTED ANALYSIS																REMARKS	PARADIGM LAB SAMPLE NUMBER			
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	Lead													
1 9/21/16	07:11		X	Morgan Rm 216	DW	1	X													
2 4	07:16		X	Bird Rm 08	+	+	+													
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature: 21.8°C	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments: NOICE RR#3	

Client	
Sampled By	Date/Time
<i>SR</i>	9/21/16 16:00
Relinquished By	Date/Time
Received By	Date/Time
<i>CMore</i>	9/22/16 1045
Received @ Lab By	Date/Time

Total Cost:

P.I.F.

Custody seal intact

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**
Customers with a Daily Pickup
 Your driver will pick up your shipment(s) as usual.

Customers without a Daily Pickup

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, UPS Affiliates (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you please visit the Resources area of CampusShip and select UPS Locations.

Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.

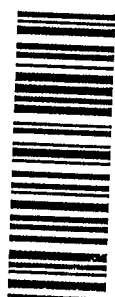
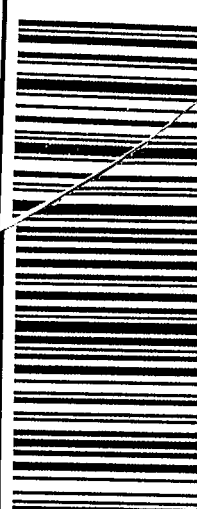
Hand the package to any UPS driver in your area.

UPS Access Point™
 AMIREH FOOD
 43 CONKEY AVE
 ROCHESTER, NY 14605

UPS Access Point™
 SAEED DRIVE IN
 129 CURLEW ST
 ROCHESTER, NY 14613

UPS Access Point™
 KING FOOD MART
 144 JOSEPH AVE
 ROCHESTER, NY 14621

FOLD HERE

33 LBS		2 OF 2	
MOLLY VAIL 5856472530 PARADIGM 179 LAKE AVE ROCHESTER, NY 14608		SHIP TO: AMIREH FOOD 43 CONKEY AVE ROCHESTER, NY 14605	
NY 125 5-03 		UPS NEXT DAY AIR TRACKING #: 1Z E11 212 01 9673 9741 	
BILLING: P/P		CS 18.5.39 WNTNVS50 78.0A 07/2016	

UPS CampusShip: View/Print Label

1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. Fold the printed label at the solid line below. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. GETTING YOUR SHIPMENT TO UPS

Customers with a Daily Pickup

Your driver will pickup your shipment(s) as usual.

Customers without a Daily Pickup

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.


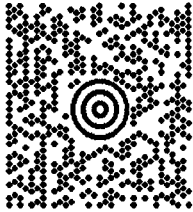

Hand the package to any UPS driver in your area.

UPS Access Point™
AMIREH FOOD
43 CONKEY AVE
ROCHESTER, NY 14605

UPS Access Point™
SAEED DRIVE IN
129 CURLEW ST
ROCHESTER, NY 14613

UPS Access Point™
KING FOOD MART
1144 JOSEPH AVE
ROCHESTER, NY 14621

FOLD HERE

55 LBS 1 OF 2 SHIP TO: SAMPLE RECEIPT 845-562-0890 ENVIROTEST LABORATORIES 315 FULLERTON AVE. NEWBURGH NY 12550-3723		NY 125 5-03 		UPS NEXT DAY AIR TRACKING #: 1Z E11 212 01 9771 3738 1				BILLING: P/P 	
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CS 18.5.39. WNTNVS0 78.0A 07/2016

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Paradigm Environmental Services, Inc.

Job Number: 420-110652-1

Login Number: 110652

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is recorded.	True	21.8 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	False	
If false, was sample received on ice within 6 hours of collection.	False	
Based on above criteria cooler temperature is acceptable.	True	Method does not require cooling
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



CHAIN OF CUSTODY

1 of 2

PROJECT REFERENCE				REPORT TO:		INVOICE TO:		LAB PROJECT ID				
Drinking Water Retest				CLIENT:	monroe #1 BOCIES		CLIENT:					
				ADDRESS:			ADDRESS:					
				CITY:	STATE:	ZIP:	CITY:	STATE:	ZIP:			
				PHONE:			PHONE:					
				ATTN:			ATTN:					
				Matrix Codes: AQ - Aqueous Liquid WA - Water DW - Drinking Water SO - Soil SD - Solid WP - Wipe OL - Oil NQ - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge PT - Paint CK - Caulk AR - Air								
REQUESTED ANALYSIS												
DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX	CONTAINER NUMBER	REMARKS				PARADIGM LAB SAMPLE NUMBER	
9-21-16	0711		X	MORGAN RM 216	DW	1	X	X				01
9-21-16	0716		X	M BIRD RM 08	+	6	X	X				02

Turnaround Time		Report Supplements	
Availability contingent upon lab approval; additional fees may apply.			
Standard 5 day	<input checked="" type="checkbox"/>	None Required	<input type="checkbox"/>
10 day	<input type="checkbox"/>	Batch QC	<input type="checkbox"/>
Rush 3 day	<input type="checkbox"/>	Category A	<input type="checkbox"/>
Rush 2 day	<input type="checkbox"/>	Category B	<input type="checkbox"/>
Rush 1 day	<input type="checkbox"/>		
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>
please indicate date needed:		please indicate package needed:	

DDohr 9-21-16 @ 0711
 Sampled By Date/Time
 Donald Dohr 9-21-16 @ 0738
 Relinquished By Date/Time
 Received By Date/Time
 2R 9/21/16 09:53
 Received @ Lab By Date/Time
 20°C 9/21/16 08:42

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.



Chain of Custody Supplement

Client: Monroe #1 BOCES Completed by: Glenn Pezzullo
 Lab Project ID: 164093 Date: 9/21/16

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/>		
Preservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	<u>Samples received unpreserved, preserved with HNO₃ in lab before sub contracting.</u>		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<u>22°C</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		