



Analytical Report For
Monroe 1 BOCES

For Lab Project ID

171591

Referencing

Additional Testing

Prepared

Wednesday, April 26, 2017

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: 420-119595-1

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
04/26/2017

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

METHOD SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-119595-1

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: 420-119595-1

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

SAMPLE SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-119595-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-119595-1	B-123 P-02 Sink	Drinking Water	04/18/2017 0654	04/19/2017 1035
420-119595-2	B-8 Locker Room A05	Drinking Water	04/18/2017 0702	04/19/2017 1035
420-119595-3	B-4-5-6 Y-11 L-Sink	Drinking Water	04/18/2017 0709	04/19/2017 1035
420-119595-4	L-Sink X-10	Drinking Water	04/18/2017 0712	04/19/2017 1035
420-119595-5	B-9-10 C-01 Sink	Drinking Water	04/18/2017 0720	04/19/2017 1035
420-119595-6	B-9-10 RM D-03	Drinking Water	04/18/2017 0724	04/19/2017 1035
420-119595-7	B-9-10 RM F-1	Drinking Water	04/18/2017 0727	04/19/2017 1035

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

Job Number: 420-119595-1

Client Sample ID: B-123 P-02 Sink
Lab Sample ID: 420-119595-1

Date Sampled: 04/18/2017 0654
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1858		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	4.08	ug/L	1.00	1.00	1.0

Rebecca Ross
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Job Number: 420-119595-1

Client Sample ID: B-8 Locker Room A05
Lab Sample ID: 420-119595-2

Date Sampled: 04/18/2017 0702
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1859		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	2.86	ug/L	1.00	1.00	1.0

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

Job Number: 420-119595-1

Client Sample ID: B-4-5-6 Y-11 L-Sink
Lab Sample ID: 420-119595-3

Date Sampled: 04/18/2017 0709
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1859		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	1.00 U	ug/L	1.00	1.00	1.0

Rebecca Ross
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Rochester, NY 14608

Job Number: 420-119595-1

Client Sample ID: L-Sink X-10
Lab Sample ID: 420-119595-4

Date Sampled: 04/18/2017 0712
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1900		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	1.00 U	ug/L	1.00	1.00	1.0

Rebecca Ross
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Job Number: 420-119595-1

Client Sample ID: B-9-10 C-01 Sink
Lab Sample ID: 420-119595-5

Date Sampled: 04/18/2017 0720
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1901		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	1.00 U	ug/L	1.00	1.00	1.0

Rebecca Ross
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179 Lake Avenue
Rochester, NY 14608

Job Number: 420-119595-1

Client Sample ID: B-9-10 RM D-03
Lab Sample ID: 420-119595-6

Date Sampled: 04/18/2017 0724
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1902		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	6.45	ug/L	1.00	1.00	1.0

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

Job Number: 420-119595-1

Client Sample ID: B-9-10 RM F-1
Lab Sample ID: 420-119595-7

Date Sampled: 04/18/2017 0727
Date Received: 04/19/2017 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 04/20/2017 1902		
Prep Method: 200			Date Prepared: 04/20/2017 1130		
Pb	8.32	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Paradigm Environmental Services, Inc.

Job Number:

Lab Section	Qualifier	Description
Metals	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

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, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (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.



119595 1061

CHAIN OF CUSTODY

ENVIROTEST: ELAP ID: 10142

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:		
PHONE:	FAX:		PHONE:	FAX:			
PROJECT NAME/SITE NAME:		ATTN: Reporting		ATTN: Accounts Payable		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> OTHER	
COMMENTS: Please email results to reporting@paradigmenv.com						Date Due: 4/26/17	

REQUESTED ANALYSIS									
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBER	REMARKS	PARADIGM LAB SAMPLE NUMBER	
14/18/17	0654			B-123 P-02 Sink	DW	1 X			
2	0702			B-8 Locker Room A05					
3	0709			B-45-6 Y-11 L-Sink					
4	0712			L-Sink X-10					
5	0720			B-9-10 C-01 sink					
6	0724			B-9-10 RM D-03					
7	0727			B-9-10 RM F-1					
8									
9									
10									

420-119595-A-1
 B-123 P-02 Sink
 Location, Water Sample Coolers
 Date Sampled: 4/18/2017 420-1048270

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: NOICE	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments: 13.6C		

Client

Sampled By: Moly Nail Date/Time: 4/18/17 1600

Relinquished By: _____ Date/Time: _____

Received By: [Signature] Date/Time: 4/19/17 1035

Received @ Lab By: _____ Date/Time: _____

Total Cost:

P.I.F.

UPS Next day air
 1Z EN 21ZNT 9154 1608

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Paradigm Environmental Services, Inc.

Job Number: 420-119595-1

Login Number: 119595

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.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is recorded.	True	15.6 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 doesn't 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	

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CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID	
CLIENT: <u>Monroe #1 BOCES</u>	CLIENT: <u>Same</u>	171591			
ADDRESS: <u>410 Conner Rd</u>	ADDRESS: <u>Same</u>	Quotation # <u>15041217A</u>			
CITY: <u>Fairport NY</u> STATE: <u>NY</u> ZIP: <u>14450</u>	CITY: _____ STATE: _____ ZIP: _____	Email: <u>bcarlson@facilities@monroe.edu</u>			
PHONE: <u>585-387-3840</u>	PHONE: _____	ATTN: <u>Barbara Carlson</u>			

PROJECT REFERENCE
Additional Testing

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				REMARKS	PARADIGM LAB SAMPLE NUMBER
4-18-17	0654		X	D-123 P-02 SINK (1)	DW	1	✓				01
	7:02			B-8 LOCKER ROOM (2)		1	✓				02
	7:09			B-4-56 Y-11 L-SINK (3)		1	✓				03
	7:12			L-SINK X-10 (04)		1	✓				04
	7:20			B-9-10 C-01 SINK (5)		1	✓				05
	7:24			B-9-10 RM D-03 (6)		1	✓				06
	7:27			B-9-10 RM F-1 (7)		1	✓				07

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"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>	Basic EDD <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>	NYSDEC EDD <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"/>	Other EDD <input type="checkbox"/>
please indicate date needed: _____	please indicate package needed: _____	please indicate EDD needed: _____

Donald W Dohr 4-18-2017
 Sampled By Date/Time
Donald W Dohr 4-18-2017
 Relinquished By Date/Time
 Received By Date/Time
Melby Mail 4/18/17 1324
 Received @ Lab By Date/Time
18°C 4/18/17 09:00
 By signing this form, client agrees to Paradigm Terms and Conditions (reverse).
 iced

Total Cost:

P.I.F.

See additional page for sample conditions.

171591

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Chain of Custody Sheet	Monroe #1 BOCES Water Testing						EPA Action Level = 15 ug/L <	Paradigm Report Page #	Work order for "DO NOT DRINK" sign	Work order for piping remediation
	Sample ID	Building	Room	Fixture	Address	Count	Result Lead ug/L			
	6	Bldg 9,10	D-03	Single Kitchen Sink, 1 faucet	25 O'Connor Rd	1				
	5	Bldg 9,10	C-01	Single Kitchen Sink, 1 faucet	25 O'Connor Rd	2				
	7	Bldg 9,10	F-01	Single Kitchen Sink, 1 faucet	25 O'Connor Rd	3				
	2	Bldg 8	A-05	Right sink, Women's Locker Room	41 O'Connor Rd - Pool Bldg	4				
	4	Bldg 4,5,6	X-10A*	Left faucet of three faucet sink	38 O'Connor Rd	5				
	3	Bldg 4,5,6	Y-11A*	Left faucet of three faucet sink	38 O'Connor Rd	6				
	1	Bldg 1,2,3	P-02	Single Kitchen Sink, 1 faucet	41 O'Connor Rd	7				

*A is left faucet, B is center faucet on triple faucet sinks and the right faucet on dual faucet sinks, and C is the right faucet on triple faucet sinks.



Chain of Custody Supplement

Client: Monroe #1 BOCES Completed by: Molykail
 Lab Project ID: 171591 Date: 4/18/17

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	_____		
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	_____		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>Added 1ml of HNO₃ to all samples to <math>2.2</math> pH, hold 24hrs during ship out</u>		
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<u>15°C iud 4/18/17 0900</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		