

April 28, 2023

Douglas Environmental Services
11082 Blaine Rd.
Brighton, MI 48114

Subject: Rose Pioneer Elementary
Oakland County #2244363

Dear : Ms. Delgrosso

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 04/24/2023 for the above mentioned project. NELAP/TNI Accredited Analysis and EGLE Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 88742 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.



Brighton Analytical LLC
 2105 Pless Drive
 Brighton, Michigan 48114
 Phone: (810)229-7575 (810)229-8650
 e-mail: bai-brighton@sbcglobal.net
 EGLE Certified #9404
 NELAC Accredited #176507

Sample Date: 04/24/2023
 Submit Date: 04/24/2023
 Report Date: 04/28/2023

To: Douglas Environmental Services
 11082 Blaine Rd.
 Brighton, MI 48114

BA Report Number: **88742**

Project Name: **Rose Pioneer Elementary**

BA Sample ID: **CT02913**

Project Number: **Oakland County #2244363**

Sample ID: **(DIST)7110 Milford Rd. Holly - Raw Tap**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
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Drinking Water Microbiological Analysis

E. coli(Drinking Water)	Not detected	CFU/100ml		SM9223B M Well	AP	04/24/2023
Total Coliform(Drinking Water)	Not detected	CFU/100ml		SM9223B M Well	AP	04/24/2023

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

Released by *Cynthia Williams*
 Date 4/28/2023



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To: Douglas Environmental Services
 11082 Blaine Rd.
 Brighton, MI 48114

BA Report Number: **88742**

Project Name: **Rose Pioneer Elementary**

BA Sample ID: **CT02914**

Project Number: **Oakland County #2244363**

Sample ID: **(DIST)7110 Milford Rd. Holly - Kitchen**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
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Drinking Water Microbiological Analysis

E. coli(Drinking Water)	Not detected	CFU/100ml		SM9223B M Well	AP	04/24/2023
Total Coliform(Drinking Water)	Not detected	CFU/100ml		SM9223B M Well	AP	04/24/2023

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

Released by *Cynthia Williams*
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Sample Date: 04/24/2023
 Submit Date: 04/24/2023
 Report Date: 04/28/2023

To: Douglas Environmental Services
 11082 Blaine Rd.
 Brighton, MI 48114

BA Report Number: **88742**
 BA Sample ID: **CT02915**

Project Name: **Rose Pioneer Elementary**
 Project Number: **Oakland County #2244363**

Sample ID: **Point of Entry**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
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Drinking Water Metal Analysis

Total Arsenic (Drinking Water)	Not detected	ug/L	1	EPA 200.8 rev5.4	LT	04/27/2023
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DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve EGLE designated target detection limits (TDL).

Released by *Cynthia Williams*
 Date 4/28/2023

BA PROJECT #: *20742*
ABBREVIATIONS FOR SAMPLE MATRIX
 S = Solid
 L = Liquid
 DW = Drinking H₂O
 WW = Wastewater
 O = Oil
 P = Wipe
 A = Air (Tedlar Bag)
 F = Filter
 T = Tube
 GW = Groundwater
 SW = Surface Water
 M = Misc.

BA PROJECT #: *20742*
ABBREVIATIONS FOR SAMPLE MATRIX
 S = Solid
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COMPANY NAME
Douglas Env. Svcs.

PROJECT NAME (48 SPACES MAXIMUM)
Rose Pioneer Elementary

PROJECT NUMBER (25 SPACES MAXIMUM)
Oakland County #2244363

Sample collected by
Jim Reid

REQUESTED TURNAROUND: (X BOX WITH TAT NEEDED)
 Default TAT Standard: 7 - 10 Business days
 RUSH: 1 Business day (verify with lab) @3x Surcharge
 RUSH: 2 Business days @2x Surcharge (Non TCLP)
 RUSH: 3 Business days @1.5x Surcharge (TCLP @ 2X)

Sample Description
 35 Characters Limit

Container Type & Quantity

VOA'S (PRES) Y N	
HDPE UNPRESERVED	
HDPE HNO ₃	
HDPE H ₂ SO ₄	
HDPE NaOH	
AMBER GLASS (UNPRESERVED)	
AMBER GLASS (PRESERVED)	
GLASS, NO PRESERVATIVE	
STERILIZED BACTERIA	
METALS FILTERED: (Field OR Lab)	
MEOH Preserved: (Field or Lab Preserved)	

Analysis Requested/Method

T Cell
Arsenic

Sample Matrix

✓
✓
✓

If RUSH approved by

Date	Time
<i>4/24/23</i>	<i>10:30</i>
<i>4/24/23</i>	<i>10:45</i>
<i>4/24/23</i>	<i>10:40</i>

Brighton ID #

2913
2914
2915

For Laboratory Use Only:

Sample received within holding time? yes no
 Temperature of samples °C: *15*
 pH verified in login? yes no
 Headspace/bubbles in VOA'S? yes no n/a
 Sample containers and COC match? yes no

P.O. NUMBER:

BILLING ADDRESS (IF REQUIRED)

For Laboratory Use Only: Field pH/Temp/Time/Initials

Drinking Water Only:

Send to LCHD? yes no
 Chlorinated Water Supply? yes no

MCL Failure yes no
 Client Notified (date/time/initials): _____

Special Instructions:

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses. All hold samples = \$10.

Trans #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans #	RELINQUISHED BY:	RECEIVED BY:	DATE/TIME:
1	<i>My James Reid</i>	<i>Wm</i>	<i>4/24/23</i>	<i>12:50</i>	3			
2					4			



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 04/27/2023

Standard ID: 041923 H2O

Batch: 04/27/2023 W1

Matrix Spike Lab ID: CT02952

Matrix: Total

Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. SPEX 1&3 (%)
Sodium	16994	16865	0.8	10000	91.8	90.5	7811	<1000	101.8	99.5
Aluminium	1010	992	1.8	1000	101.0	99.2	0	<50	101.8	96.3
Chromium	988	964	2.5	1000	98.8	96.4	0	<1	100.5	100.6
Cobalt	975	961	1.4	1000	97.5	96.1	0	<10	100.9	101.1
Nickel	988	972	1.6	1000	98.8	97.2	0	<1	103.0	95.8
Copper	994	995	0.1	1000	99.4	99.5	0	<1	105.0	104.5
Zinc	1003	1004	0.1	1000	90.5	90.6	98	<10	93.1	92.1
Arsenic	1014	1016	0.2	1000	99.8	100.0	16	<1	104.0	100.3
Molybdenum	1009	1028	1.9	1000	100.1	102.0	8	<10	98.5	99.0
Silver	9.95	9.91	0.4	10	99.5	99.1	0	<0.2	102.5	100.9
Cadmium	997	974	2.3	1000	99.7	97.4	0	<0.2	102.4	100.9
Lead	1037	1019	1.8	1000	103.7	101.9	0	<1	105.5	103.6

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 30% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____