

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673



231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

August 19, 2021

Ms. Becky Gray
Great Lakes Water Lab
6461 Sunset Drive, PO Box 131
Lake Ann, MI 49650

Phone: (231) 275-7382
Fax: (231) 275-6510

RE: Trace Project 21H0524
Client Project 21080602 - CH-LSSU Campus

Dear Ms. Gray:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAP Accreditation, Trace certifies that these test results meet all requirements of the NELAP Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAP at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Mink".

Jon Mink
Senior Project Manager
Enclosures



NJDEP Accreditation No. MI008

STATE OF MICHIGAN LABORATORY ID: 8001

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SAMPLE SUMMARY

Trace Project ID: 21H0524
Client Project ID: 21080602 - CH-LSSU Campus

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
21H0524-01	210806028 - LdF	Drinking Water	B. Gray	08/06/21 11:35	08/12/21 11:23
21H0524-02	210806029 - UdF	Drinking Water	B. Gray	08/06/21 11:36	08/12/21 11:23

CERTIFICATE OF ANALYSIS

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

MS	Matrix Spike
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limits as set by the Federal Safe Drinking Water Act
Not Detected	Indicates that the compound was not detected at the RDL
TNTC	Too Numerous To Count

Results that are reported in bold or red have equalled or exceeded the MCL.

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ANALYTICAL RESULTS

Sample Location: 21080602 - CH-LSSU Campus

Site Name: CH - LSSU Campus

WSSN: 2048872

Trace ID: 21H0524-01

Date Collected: 08/06/21 11:35

Sample Point Description: 210806028 - LdF

Date Received: 08/12/21 11:23

PARAMETERS	RESULTS	RDL	UNITS	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 200.8 Rev. 5.4

Batch: T113539

Copper	Not Detected	0.025	mg/L	8/18/21 16:43	acs	8/18/21 17:35	acs	N	1.3
Lead	Not Detected	0.0010	mg/L	8/18/21 16:43	acs	8/18/21 17:35	acs	N	0.015

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ANALYTICAL RESULTS

Sample Location: 21080602 - CH-LSSU Campus

Site Name: CH - LSSU Campus

WSSN: 2048872

Trace ID: 21H0524-02

Date Collected: 08/06/21 11:36

Sample Point Description: 210806029 - UdF

Date Received: 08/12/21 11:23

PARAMETERS	RESULTS	RDL	UNITS	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL									
Analysis Method: EPA 200.8 Rev. 5.4									
<i>Batch: T113539</i>									
Copper	Not Detected	0.025	mg/L	8/18/21 16:43	acs	8/18/21 17:37	acs	N	1.3
Lead	Not Detected	0.0010	mg/L	8/18/21 16:43	acs	8/18/21 17:37	acs	N	0.015

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21H0524

GLWQL 231-275-7382
COC

CH- LSSU Campus
WSSN: 20 488 72

210806028 LdF PbCu 11:35 8/6/21
↓ ~~6029~~
6029 LdF PbCu 11:36 8/6/21

B Gray
Collector

Received by: *MA* 8/12/21 @ 11:23
✓ BW

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21H0524
 Great Lakes Water Lab
 Project Manager: Jon Mink

Sample Log In Checklist

Date: 8/12/21	Original Observation	Corrected Temperature	IR-9 (CF: +0.1°C)	IR-10 (CF: +0.1°C)	20B12743 (CF: -0.3°C)	Temp Blank	Client Sample
Time: 11:23							
Logged by: NC							
Package Description: BOX							
Package Temp °C	24.4	24.5					
Representative Sample Temp °C	24.4	24.5					

Sample Receipt

Yes No
 Received on ice or other coolant
 Ice still present upon receipt
 Custody seals present
 Trace Courier Client Drop-off Yes No Custody seals intact (if applicable)
 UPS Fed Ex US Mail Other

Sample Condition

Yes No N/A
 All sample containers arrived unbroken and labeled
 Sufficient sample to run requested analyses
 Correct chemical preservative added to samples
 Samples preserved at Trace
 Chemical preservation verified, check EMD pH test strip used (if applicable)
 pH 0-2.5 (Lot: HC029115) pH 11.0-13.0 (Lot: HC022540) Other
 Air bubbles absent from VOAs

Chain of Custody (COC)

Yes No
 All bottle labels agree with COC
 COC filled out properly
 COC signed by client

Notes: No client signature. Proper change not provided

Form 70-A.39
 Effective 7/2/21

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