



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

June 03, 2022

Lisa Lawler
Emmons Grade School
24226 W Beach Grove Road
Antioch, IL 60002

RE: IL3102939

Dear Lisa Lawler:

Please find enclosed the analytical results for the **2** sample(s) the laboratory received on **5/23/22 3:36 pm** and logged in under work order **FE04478**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise . We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read 'Christina Pierce'.

Christina Pierce
Project Manager
815.344.4044 x 1622
Christina.Pierce@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order FE04478

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
YES	Trip blank(s) received
YES	All non-field analyses received within holding times
YES	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided



ANALYTICAL RESULTS

Sample: FE04478-01
Name: Served Faucet
Reg ID: IL3102939

Sampled: 05/23/22 12:30
Received: 05/23/22 15:36
Matrix: Drinking Water - Regular Sample
PO #: 4509

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
General Chemistry - PIA									
Cyanide	< 0.20	mg/L		05/31/22 11:44	1	0.20	05/31/22 14:02	CRS1	EPA 335.4 REV1
Herbicides - PIA									
2,4-D	< 0.0010	mg/L		06/01/22 06:57	1	0.0010	06/01/22 15:20	MCI	EPA 515.3 REV1
Diquat	< 0.0020	mg/L		05/26/22 09:31	1	0.0020	06/01/22 10:46	ELS	EPA 549.2 REV1
Glyphosate	< 0.030	mg/L		05/31/22 12:56	1	0.030	05/31/22 15:24	ELS	EPA 547
Pentachlorophenol	< 0.00040	mg/L		06/01/22 06:57	1	0.00040	06/01/22 15:20	MCI	EPA 515.3 REV1
Picloram	< 0.0010	mg/L		06/01/22 06:57	1	0.0010	06/01/22 15:20	MCI	EPA 515.3 REV1
Silvex	< 0.0010	mg/L		06/01/22 06:57	1	0.0010	06/01/22 15:20	MCI	EPA 515.3 REV1
Pesticides - PIA									
Carbofuran [2C]	< 0.0009	mg/L		05/26/22 10:01	1	0.0009	05/26/22 21:56	EJB	EPA 531.1 REV3.1
Oxamyl [2C]	< 0.0020	mg/L		05/26/22 10:01	1	0.0020	05/26/22 21:56	EJB	EPA 531.1 REV3.1
Semivolatile Organics - PIA									
EDB	< 0.000010	mg/L		05/27/22 09:09	1	0.000010	05/27/22 19:27	MCI	EPA 504.1 REV1.1
DBCP	< 0.000020	mg/L		05/27/22 09:09	1	0.000020	05/27/22 19:27	MCI	EPA 504.1 REV1.1
Endothall	< 0.0090	mg/L		05/25/22 07:42	1	0.0090	05/26/22 16:52	CRS	EPA 548.1 REV1
Simazine	< 0.00035	mg/L		06/01/22 09:01	1	0.00035	06/01/22 17:27	CRS	EPA 525.2 REV2
Atrazine	< 0.00030	mg/L		06/01/22 09:01	1	0.00030	06/01/22 17:27	CRS	EPA 525.2 REV2
gamma-BHC (Lindane)	< 0.00010	mg/L		06/01/22 09:01	1	0.00010	06/01/22 17:27	CRS	EPA 525.2 REV2
Alachlor	< 0.00020	mg/L		06/01/22 09:01	1	0.00020	06/01/22 17:27	CRS	EPA 525.2 REV2
Heptachlor	< 0.000040	mg/L		06/01/22 09:01	1	0.000040	06/01/22 17:27	CRS	EPA 525.2 REV2
Heptachlor epoxide	< 0.000020	mg/L		06/01/22 09:01	1	0.000020	06/01/22 17:27	CRS	EPA 525.2 REV2
Toxaphene	< 0.0010	mg/L		06/01/22 09:01	1	0.0010	06/01/22 17:27	CRS	EPA 525.2 REV2
Methoxychlor	< 0.00010	mg/L		06/01/22 09:01	1	0.00010	06/01/22 17:27	CRS	EPA 525.2 REV2
Aroclors - Total	< 0.000080	mg/L		06/01/22 09:01	1	0.000080	06/01/22 17:27	CRS	EPA 525.2 REV2
Chlordane (technical)	< 0.00020	mg/L		06/01/22 09:01	1	0.00020	06/01/22 17:27	CRS	EPA 525.2 REV2
Total Metals - PIA									
Antimony	< 0.0030	mg/L		05/25/22 10:08	1	0.0030	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Arsenic	0.0050	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Barium	0.012	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: FE04478-01

Name: Servery Faucet

Reg ID: IL3102939

Sampled: 05/23/22 12:30

Received: 05/23/22 15:36

Matrix: Drinking Water - Regular Sample

PO #: 4509

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Beryllium	< 0.0010	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Cadmium	< 0.0010	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Chromium	< 0.0040	mg/L		05/25/22 10:08	1	0.0040	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Mercury	< 0.00020	mg/L		05/25/22 10:08	1	0.00020	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Selenium	< 0.0010	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
Thallium	< 0.0010	mg/L		05/25/22 10:08	1	0.0010	05/25/22 13:49	JMW	EPA 200.8 REV 5.4
<u>Volatile Organics - PIA</u>									
Vinyl chloride	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,1-Dichloroethene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Methylene chloride	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
MTBE	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
trans-1,2-Dichloroethene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
cis-1,2-Dichloroethene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,1,1-Trichloroethane	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Carbon tetrachloride	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Benzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,2-Dichloroethane	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Trichloroethene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,2-Dichloropropane	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Toluene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Tetrachloroethene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,1,2-Trichloroethane	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Chlorobenzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Ethylbenzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Xylenes- Total	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
Styrene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,4-Dichlorobenzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,2-Dichlorobenzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1
1,2,4-Trichlorobenzene	< 0.00050	mg/L		05/25/22 11:04	1	0.00050	05/25/22 20:08	MTM	EPA 524.2 REV4.1



NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Christina Pierce, Project Manager



Pace
Pace-PDC Laboratories, LLC
2231 W Altorfer Drive
Peoria, IL 61615

Phone: 800.752.6651
Fax: 309.692.9689

4314 W Crystal Lake RD
Chain of Custody Record
State where samples collected Illinois
McHenry
FE04478

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IL3102939 EMMONS GRADE SCHOOL

Emmons Grade School

Date Collected: 5/23/2022 Phone Number: 847-395-1105 ext 214
e-mail: lawler@emmons33.org
Time Collected: 12:06-12:30 PM PO#:

Lisa Lawler

Sampler's Signature: Lisa A. Lawler
Sampler's Name (Please Print): LISA A. Lawler

Sample Location	Arsonic	IOC	SOC	VOC	Bottle Count	Date/Time Collected
Severny forest	QT	1	12	4	5/23/2022	12:12 PM
Severny forest	QT	1	12	4	5/23/2022	12:10 PM
Severny forest	QT	1	12	4	5/23/2022	12:30 PM
Severny forest	QT	1	12	4	5/23/2022	12:06 PM
Sample Between 4/1/22-6/30/22						

FE04478 SS 5/23/22

Turn-Around Time Requested (circle one): NORMAL RUSH Date Results Needed: 5/23/22 Results will be electronically submitted to IDPH

Relinquished By: (Signature)	Date:	Received By: (Signature)	Date:
Lisa A. Lawler	5/23/22	[Signature]	5/23/22
Relinquished By: (Signature)	Date:	Received By: (Signature)	Date:
[Signature]	5/23/22	[Signature]	5/23/22
Relinquished By: (Signature)	Date:	Received By: (Signature)	Date:
[Signature]	5/23/22	[Signature]	5/23/22

ATTENTION SAMPLE COLLECTOR: The sample temperature will be measured upon receipt at the lab. Samples must arrive at the lab between the range of 0.1-6.0 degrees C or they will be rejected. Samples collected and received at the lab on the same day on ice will be acceptable.

SAMPLE COLLECTED SAME DAY AS RECEIVED
SAMPLE(S) TEMPERATURE UPON RECEIPT ☒ OR N
CHILL PROCESS STARTED PRIOR TO RECEIPT ☒ OR N
SAMPLE(S) RECEIVED ON ICE ☒ OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION ☒ OR N
BOTTLES FILLED WITH ADEQUATE VOLUME ☒ OR N
SAMPLE(S) RECEIVED WITHIN HOLD TIME(S) ☒ OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE ☒ OR N

PDC

SUBCONTRACT ORDER
Transfer Chain of Custody

Pace Analytical Services, LLC

FE04478

DCW

SENDING LABORATORY

PDC Laboratories, Inc.
4314-A Crystal Lake Road
McHenry, IL 60050
(815)344-4044

RECEIVING LABORATORY

PDC Laboratories, LLC
2231 W Altorfer Dr
Peoria, IL 61615
(309) 692-9688

Sample: FE04478-01
Name: Servery Faucet

Sampled: 05/23/22 12:30
Matrix: Drinking Water
Preservative: HNO₃, pH <2

Analysis	Due	Expires	Comments
As 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Ba 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Be 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Cd 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Chlorine check	06/02/22 16:00	11/19/22 12:30	
CN-T DW	06/02/22 16:00	06/06/22 12:30	
Cr 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Hg 200.8 DWTot	06/02/22 16:00	06/20/22 12:30	
M504.1	06/02/22 16:00	06/06/22 12:30	
M515.3	06/02/22 16:00	06/06/22 12:30	
M524	06/02/22 16:00	06/06/22 12:30	
M525.2	06/02/22 16:00	06/06/22 12:30	
M531.1	06/02/22 16:00	06/20/22 12:30	
M547	06/02/22 16:00	06/06/22 12:30	
M548	06/02/22 16:00	05/30/22 12:30	
M549.2	06/02/22 16:00	05/30/22 12:30	
Sb 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Se 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Tl 200.8 DWTot	06/02/22 16:00	11/19/22 12:30	
Turb check	06/02/22 16:00	11/19/22 12:30	

SUBCONTRACT ORDER

Transfer Chain of Custody

Pace Analytical Services, LLC

FE04478

SENDING LABORATORY

PDC Laboratories, Inc.
4314-A Crystal Lake Road
McHenry, IL 60050
(815)344-4044

RECEIVING LABORATORY

PDC Laboratories, LLC
2231 W Altorfer Dr
Peoria, IL 61615
(309) 692-9688

Sample: FE04478-02**Name:** Trip Blank**Sampled:** 05/23/22 00:00**Matrix:** DI Water**Preservative:** Cool <6

Analysis	Due	Expires	Comments
M504.1 Trip Blank	06/02/22 16:00	06/06/22 00:00	
M524 Trip Blank	06/02/22 16:00	06/06/22 00:00	
M547 Trip Blank	06/02/22 16:00	06/06/22 00:00	

Please email results to Christina Pierce at Christina.Pierce@pacelabs.comDate Shipped: 5-27-22 Total # of Containers: 23 Sample Origin (State): IL PO #: _____Turn-Around Time Requested ☒ NORMAL ☐ RUSH

Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time	Sample Temperature Upon Receipt	2.8 °C
<u>[Signature]</u>	<u>5-24-22 1115</u>	<u>[Signature]</u>	<u>5-24-22</u>	Sample(s) Received on Ice	(Y) or N
				Proper Bottles Received in Good Condition	(Y) or N
				Bottles Filled with Adequate Volume	(Y) or N
				Samples Received Within Hold Time	(Y) or N
Relinquished By	Date/Time	Received By	Date/Time	Date/Time Taken From Sample Bottle	Y or (N)
<u>[Signature]</u>	<u>5-24-22 1420</u>	<u>[Signature]</u>	<u>5-24-22 1420</u>		