



June 08, 2021

Tom Parker  
Bayles Lake HOA  
26W044 Prairie Ave  
Wheaton, IL 60187

RE: BAYLES\_LAKE

Dear Tom Parker:

Please find enclosed the analytical results for the **7** sample(s) the laboratory received on **5/17/21 4:10 pm** and logged in under work order **EE03221**. 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 PDC Laboratories, Inc.

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

PDC Laboratories, Inc. 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 [lgrant@pdclab.com](mailto:lgrant@pdclab.com).

Sincerely,

Janet Clutters  
Project Manager  
(309) 692-9688 x1743  
[jclutters@pdclab.com](mailto:jclutters@pdclab.com)





**SAMPLE RECEIPT CHECK LIST**

**Items not applicable will be marked as in compliance**

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Work Order    EE03221

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YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
NO	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
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
NO	All non-field analyses received within holding times
YES	Short hold time analysis
NO	Current PDC COC submitted
NO	Case narrative provided



**ANALYTICAL RESULTS**

Sample: EE03221-01  
 Name: Buoy East Inlet  
 Matrix: Surface Water - Grab

Sampled: 05/17/21 07:00  
 Received: 05/17/21 16:10

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b>Microbiology - PIA</b>									
Fecal coliform bacteria	< 10	CFU/100 ml	H	05/18/21 11:50	1	10	05/18/21 11:50	SDW	SM 9222D*
<b>Nutrients - PIA</b>									
Ammonia-N	< 0.10	mg/L		05/27/21 12:51	1	0.10	05/27/21 12:51	BMS	EPA 350.1 REV2
Nitrate/Nitrite-N	< 0.020	mg/L		05/26/21 11:18	1	0.020	05/26/21 11:18	CRS1	EPA 353.2 REV 2*
Phosphorus - total as P	< 0.10	mg/L		05/25/21 07:48	1	0.10	05/26/21 10:50	BMS	SM 4500P F 1999*
<b>Semivolatile Organics - PIA</b>									
Hexachlorocyclopentadiene	< 0.50	ug/L	Xa	05/21/21 08:12	1	0.50	05/21/21 23:42	PSB	EPA 525.2 REV2
Propachlor	< 0.50	ug/L	Xa	05/21/21 08:12	1	0.50	05/21/21 23:42	PSB	EPA 525.2 REV2
Hexachlorobenzene	< 0.10	ug/L	Xa	05/21/21 08:12	1	0.10	05/21/21 23:42	PSB	EPA 525.2 REV2
Simazine	< 0.35	ug/L	Xa	05/21/21 08:12	1	0.35	05/21/21 23:42	PSB	EPA 525.2 REV2
Atrazine	0.75	ug/L	Xa, Xb	05/21/21 08:12	1	0.30	05/21/21 23:42	PSB	EPA 525.2 REV2
gamma-BHC (Lindane)	< 0.10	ug/L	Xa	05/21/21 08:12	1	0.10	05/21/21 23:42	PSB	EPA 525.2 REV2
Alachlor	< 0.20	ug/L	Xa	05/21/21 08:12	1	0.20	05/21/21 23:42	PSB	EPA 525.2 REV2
Heptachlor	< 0.040	ug/L	Xa	05/21/21 08:12	1	0.040	05/21/21 23:42	PSB	EPA 525.2 REV2
Aldrin	< 0.25	ug/L	Xa	05/21/21 08:12	1	0.25	05/21/21 23:42	PSB	EPA 525.2 REV2
Heptachlor epoxide	< 0.020	ug/L	Xa	05/21/21 08:12	1	0.020	05/21/21 23:42	PSB	EPA 525.2 REV2
Toxaphene	< 1.0	ug/L	Xa	05/21/21 08:12	1	1.0	05/21/21 23:42	PSB	EPA 525.2 REV2
Dieldrin	< 0.25	ug/L	Xa	05/21/21 08:12	1	0.25	05/21/21 23:42	PSB	EPA 525.2 REV2
Endrin	< 0.10	ug/L	Xa	05/21/21 08:12	1	0.10	05/21/21 23:42	PSB	EPA 525.2 REV2
Bis(2-ethylhexyl) adipate	< 0.60	ug/L	Xa	05/21/21 08:12	1	0.60	05/21/21 23:42	PSB	EPA 525.2 REV2
Methoxychlor	< 0.10	ug/L	Xa	05/21/21 08:12	1	0.10	05/21/21 23:42	PSB	EPA 525.2 REV2
Bis(2-ethylhexyl) phthalate	< 1.8	ug/L	Xa	05/21/21 08:12	1	1.8	05/21/21 23:42	PSB	EPA 525.2 REV2
4,4'-DDT	< 1.0	ug/L	Xa	05/21/21 08:12	1	1.0	05/21/21 23:42	PSB	EPA 525.2 REV2
Aroclors - Total	< 0.080	ug/L	Xa	05/21/21 08:12	1	0.080	05/21/21 23:42	PSB	EPA 525.2 REV2
Chlordane (technical)	< 0.20	ug/L	Xa	05/21/21 08:12	1	0.20	05/21/21 23:42	PSB	EPA 525.2 REV2



ANALYTICAL RESULTS

Sample: EE03221-02
Name: Spillway
Matrix: Surface Water - Grab

Sampled: 05/17/21 07:10
Received: 05/17/21 16:10

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, etc.).



ANALYTICAL RESULTS

Sample: EE03221-03
Name: West Buoy
Matrix: Surface Water - Grab

Sampled: 05/17/21 07:20
Received: 05/17/21 16:10

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, etc.).



## ANALYTICAL RESULTS

**Sample:** EE03221-04  
**Name:** West Inlet/Pacey  
**Matrix:** Surface Water - Grab

**Sampled:** 05/17/21 07:25  
**Received:** 05/17/21 16:10

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<b><u>Microbiology - PIA</u></b>									
Fecal coliform bacteria	45	CFU/100 ml	H	05/18/21 11:50	1	10	05/18/21 11:50	SDW	SM 9222D*
<b><u>Nutrients - PIA</u></b>									
Ammonia-N	< 0.10	mg/L		05/27/21 12:57	1	0.10	05/27/21 12:57	BMS	EPA 350.1 REV2
Nitrate/Nitrite-N	< 0.020	mg/L	Q1	05/26/21 12:05	1	0.020	05/26/21 12:05	CRS1	EPA 353.2 REV 2*
Phosphorus - total as P	< 0.10	mg/L		05/25/21 07:48	1	0.10	05/26/21 10:52	BMS	SM 4500P F 1999*
<b><u>Semivolatile Organics - PIA</u></b>									
Hexachlorocyclopentadiene	< 0.50	ug/L	Xa	05/26/21 08:20	1	0.50	06/03/21 14:34	PSB	EPA 525.2 REV2
Propachlor	< 0.50	ug/L	Xa	05/26/21 08:20	1	0.50	06/03/21 14:34	PSB	EPA 525.2 REV2
Hexachlorobenzene	< 0.10	ug/L	Xa	05/26/21 08:20	1	0.10	06/03/21 14:34	PSB	EPA 525.2 REV2
Simazine	< 0.35	ug/L	Xa	05/26/21 08:20	1	0.35	06/03/21 14:34	PSB	EPA 525.2 REV2
Atrazine	0.53	ug/L	Xa	05/26/21 08:20	1	0.30	06/03/21 14:34	PSB	EPA 525.2 REV2
gamma-BHC (Lindane)	< 0.10	ug/L	Xa	05/26/21 08:20	1	0.10	06/03/21 14:34	PSB	EPA 525.2 REV2
Alachlor	< 0.20	ug/L	Xa	05/26/21 08:20	1	0.20	06/03/21 14:34	PSB	EPA 525.2 REV2
Heptachlor	< 0.040	ug/L	Xa	05/26/21 08:20	1	0.040	06/03/21 14:34	PSB	EPA 525.2 REV2
Aldrin	< 0.25	ug/L	Xa	05/26/21 08:20	1	0.25	06/03/21 14:34	PSB	EPA 525.2 REV2
Heptachlor epoxide	< 0.020	ug/L	Xa	05/26/21 08:20	1	0.020	06/03/21 14:34	PSB	EPA 525.2 REV2
Toxaphene	< 1.0	ug/L	Xa	05/26/21 08:20	1	1.0	06/03/21 14:34	PSB	EPA 525.2 REV2
Dieldrin	< 0.25	ug/L	Xa	05/26/21 08:20	1	0.25	06/03/21 14:34	PSB	EPA 525.2 REV2
Endrin	< 0.10	ug/L	Xa	05/26/21 08:20	1	0.10	06/03/21 14:34	PSB	EPA 525.2 REV2
Bis(2-ethylhexyl) adipate	< 0.60	ug/L	Xa	05/26/21 08:20	1	0.60	06/03/21 14:34	PSB	EPA 525.2 REV2
Methoxychlor	< 0.10	ug/L	Xa, F	05/26/21 08:20	1	0.10	06/03/21 14:34	PSB	EPA 525.2 REV2
Bis(2-ethylhexyl) phthalate	< 1.8	ug/L	Xa	05/26/21 08:20	1	1.8	06/03/21 14:34	PSB	EPA 525.2 REV2
4,4'-DDT	< 1.0	ug/L	Xa	05/26/21 08:20	1	1.0	06/03/21 14:34	PSB	EPA 525.2 REV2
Aroclors - Total	< 0.080	ug/L	Xa	05/26/21 08:20	1	0.080	06/03/21 14:34	PSB	EPA 525.2 REV2
Chlordane (technical)	< 0.20	ug/L	Xa	05/26/21 08:20	1	0.20	06/03/21 14:34	PSB	EPA 525.2 REV2



ANALYTICAL RESULTS

Sample: EE03221-05
Name: 1216 Sunset
Matrix: Surface Water - Grab

Sampled: 05/17/21 07:35
Received: 05/17/21 16:10

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, etc.).



ANALYTICAL RESULTS

Sample: EE03221-06
Name: Golf Course Inlet
Matrix: Surface Water - Grab

Sampled: 05/17/21 07:45
Received: 05/17/21 16:10

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology - PIA (Fecal coliform bacteria), Nutrients - PIA (Ammonia-N, Nitrate/Nitrite-N, Phosphorus - total as P), and Semivolatile Organics - PIA (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, Simazine, Atrazine, gamma-BHC (Lindane), Alachlor, Heptachlor, Aldrin, Heptachlor epoxide, Toxaphene, Dieldrin, Endrin, Bis(2-ethylhexyl) adipate, Methoxychlor, Bis(2-ethylhexyl) phthalate, 4,4'-DDT, Aroclors - Total, Chlordane (technical)).





ANALYTICAL RESULTS

Sample: EE03221-07
Name: Golf Course Road
Matrix: Surface Water - Grab

Sampled: 05/17/21 07:55
Received: 05/17/21 16:10

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, etc.).



NOTES

Specifications regarding method revisions and method modifications 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

**Qualifiers**

- F Internal standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.
- Q1 Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- X Sample has a high surrogate recovery with a reportable detect > MRL. The surrogate failure could not be confirmed due to matrix complications. The high surrogate recovery and Atrazine detect are in line with historical data for this site.
- Xa Sample has a high surrogate recovery with a reportable detect >MRL. The surrogate failure could not be confirmed by re-extraction due to matrix complications. The high surrogate and Atrazine detect are in line with historical data for this site.
- Xb Sample has high surrogate recovery with a reportable detect > MRL. Surrogate failure could not be confirmed by re-extraction due to matrix complications. These results are consistent with historical data for this matrix.



Certified by: Janet Clutters, Project Manager

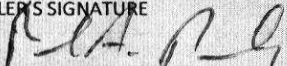
PDC Laboratories, Inc.  
 2231 W. Altorfer Dr  
 Peoria, IL 61615

# CHAIN OF CUSTODY RECORD

Phone: (800) 752-6651  
 Fax: (309) 692-9689  
 www.pdclab.com

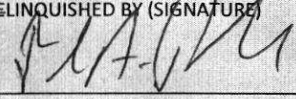
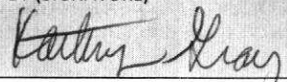
State where samples were collected IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT <b>Bayles Lake HTUA</b>			P.O. NUMBER	PROJECT NAME	DATE SHIPPED	3 ANALYSIS REQUESTED					4 WORK ORDER (FOR LAB USE ONLY)		
ADDRESS <b>26 W 044 Prairie Ave</b>			PHONE <b>312-207-9458</b>	EMAIL <b>tom.parker2520@gmail.com</b>	MEANS SHIPPED							LOGIN #: <b>EEQ3221-07</b>	
CITY <b>Wheaton</b>	STATE <b>IL</b>	ZIP <b>60187</b>	SAMPLER (PLEASE PRINT) <b>Tom Parker</b>			MATRIX TYPES: WW - WASTE WATER DW - DRINKING WATER GW - GROUND WATER WWSL - SLUDGE NAS - SOLID LCHT - LEACHATE OTHER:							LOGGED BY: <b>KEG</b>
CONTACT PERSON <b>Tom Parker</b>			SAMPLER'S SIGNATURE 								PROJECT: _____		
											PROJ MGR: _____		

2 SAMPLE DESCRIPTION AS YOU WANT TO REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		MATRIX TYPE	BOTTLE COUNT	REMARKS														
			GRAB	COMP																	
East Bury	5/17/21	7:00am																			
Spillway	"	7:10																			
West bury	"	7:20																			
Pavey	"	7:25																			
1416 Sunset	"	7:35																			
Golf Course Paver	"	7:45																			
Golf Course Road	"	7:55																			

5 TURNAROUND TIME REQUESTED (RUSH TAT IS SUBJECT TO APPROVAL AND SURCHARGE)	<input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> RUSH	DATE RESULTS NEEDED	6 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.
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7 RELINQUISHED BY (SIGNATURE) 	DATE	RECEIVED BY (SIGNATURE)	DATE	8 SAMPLE COLLECTED SAME DAY AS RECEIVED SAMPLE(S) TEMPERATURE UPON RECEIPT CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE PROPER BOTTLES RECEIVED IN GOOD CONDITION BOTTLES FILLED WITH ADEQUATE VOLUME SAMPLE(S) RECEIVED WITHIN HOLD TIME(S) DATE AND TIME TAKEN FROM SAMPLE BOTTLE
	TIME		TIME	
	RELINQUISHED BY (SIGNATURE)	DATE	RECEIVED BY (SIGNATURE)	
	TIME		TIME	
RELINQUISHED BY (SIGNATURE)	DATE	RECEIVED BY (SIGNATURE)	DATE	
	TIME		DATE <b>05/17/21</b>	
			TIME <b>1010</b>	

YOR N °C **10.0**  
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