

F.W. Kent Park Lake Water Quality Results				Parameter Targets								Weather Conditions			
				≥ 5.00 mg/L	≤ 1 M	6.50 - 9.00	Total < 0.9 mg/L		< 0.100 mg/L	< 100 µg/L					
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Secchi (M)	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia (mg/L)	24-Hour Rainfall (in)	Cloud Cover	Wind Speed (mph)	Daily Temp (°F)
KPL-N	8:17 AM	27.5	81.5	6.85	2.55	8.52	0.0	0.0	0.080	80	0.1	0.0	20%	5	81
KPL-NE	8:29 AM	27.6	81.7	8.13	2.60	8.72	0.0	0.0	0.040	40	0.1	0.0	20%	5	81
KPL-NW	8:58 AM	27.5	81.5	7.80	3.35	8.69	0.0	0.0	0.050	50	0.1	0.0	20%	5	81
KPL-Ramp	9:14 AM	27.0	80.6	8.39	1.8*	8.72	0.0	0.0	0.080	80	0.1	0.0	20%	5	81
KPL- Beach	9:05 AM	26.8	80.2	8.71	1.95*	8.74	0.0	0.0	0.060	60	0.1	0.0	20%	5	81
KPL- SE	8:57 AM	26.6	79.9	8.38	1.9*	8.71	0.0	0.0	0.280	280	0.1	0.0	20%	5	81
KPL-Deep	8:50 AM	26.8	80.2	8.63	3.55	8.76	0.0	0.0	0.120	120	0.1	0.0	20%	5	81
KPL-Outflow	No Flowing Water														

* bottomed out on lake bed

Main Stem Drainage Water Quality Results				Parameter Targets								Weather Conditions				
				≥ 5.00 mg/L		6.50 - 9.00	Total < 0.9 mg/L		< 0.100 mg/L	< 100 µg/L						
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Transparency Tube (cm)	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia (mg/L)	24-Hour Rainfall (in)	Cloud	Cover	Wind Speed (mph)	Daily Temp (°F)
M-1	8:03 AM	20.8	69.4	5.20	25	7.66	0.0	0.0	1.70	1700	0.6	0.00	0%	8	71	
Trib-1	8:55 AM	20.4	68.7	7.21	12	8.14	2.0	0.2	1.85	1850	1.0	0.00	0%	8	71	
Trib-2	9:16 AM	23.4	74.1	2.54	>62	9.87	0.0	0.0	0.63	630	2.0	0.00	0%	8	71	
CB-1 Mid	9:06 AM	27.1	80.8	9.37	>62	7.66	0.0	0.0	0.15	150	0.1	0.00	0%	8	71	
CB-1 Out	No Flowing Water															
CB-2 In	10:37 AM	20.6	69.1	7.74	>62	8.24	0.0	0.0	0.36	360	0.2	0.00	0%	8	71	
CB-2 Out	11:00 AM	20.3	68.5	6.52	29	7.74	0.0	0.0	0.81	810	1.0	0.00	0%	8	71	
CB-3A In	2:51:00 PM ₁	32.1	89.8	6.45	>62	7.95	0.0	0.0	0.32	320	0.2	0.00	20%	ssw	81	
CB-3A Out	2:51 PM	29.4	84.9	7.24	>62	8.08	0.0	0.0	0.17	170	0.2	0.00	20%	ssw	81	
CB-3 In	12:24:00 PM ₂	28.1	82.6	6.51	>62	8.67	0.0	0.0	0.28	280	0.2	0.00	0%	8	71	
CB-3 Out	No Flowing Water															
CB-E In	12:50 PM	30.8	87.4	8.44	>62	8.40	0.0	0.0	0.23	230	0.1	0.00	0%	8	71	
CB-E Out	No Flowing Water															

1 - 90% algae cover 6/21/22

2 - sample contained sediment - very low flow

Northwest Drainage Water Quality Results				Parameter Targets								Weather Conditions				
				≥ 5.00 mg/L		6.50 - 9.00	Total < 0.9 mg/L		< 0.100 mg/L	< 100 µg/L						
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Transparency Tube	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia (mg/L)	24-Hour Rainfall (in)	Cloud	Cover	Wind Speed (mph)	Daily Temp (°F)
CB-A MID	10:39 AM	28.7	83.7	9.31	>62	8.92	0	0	0.08	80	0.1	0	50%	14	88	
CB-A Out	No Flowing Water															
CB-B In	10:55 AM	29	84.2	12.00	56	8.58	0	0	0.23	230	0.2	0	50%	14	88	
CB-B Out	10:55 AM	25	77.0	6.22	>62	7.99	0	0	0.53	530	0.2	0	50%	14	88	
CB-C In	11:22 AM	27.8	82.0	9.88	>62	8.37	0	0	0.1	100	0.2	0	50%	14	88	
CB-C Out	No Flowing Water															
CB-4 In	12:31 PM*	30	86.0	8.75	>62	9.15	0	0	0.04	40	0.1	0	50%	14	88	
CB-4 Out	2:03 PM	24	75.2	4.92	>62	7.62	0	0	0.49	490	1	0	50%	14	88	

*60% algae cover

Campground - Red Haw Valley Water Quality Results				Parameter Targets								Weather Conditions				
				≥ 5.00 mg/L		6.50 - 9.00	Total < 0.9 mg/L		< 0.100 mg/L	< 100 µg/L						
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Transparency Tube	pH	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Phosphate (µg/L)	Ammonia (mg/L)	24-Hour Rainfall (in)	Cloud	Cover	Wind Speed (mph)	Daily Temp (°F)
CGRH - 1	8:35	19.3	66.7	8.59	19	8.26	0	0	0.840	840	0.2	0	0%		11	74
CGRH - 2	No Flowing Water															



Collection Location meyer:m-1	Collector and Phone alexander michael 319/361-5292	Client Reference larry gullett	Accession # 2121714
OXFORD,	Collected 2022-06-22 08:00	Received 2022-06-22 11:11	Project
Report To	LARRY GULLET/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD 2048 HWY 6 NW OXFORD, IA 52322		Sample Description surface water
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT ([MPN]/100mL)</u>	<u>QUANT LIMIT</u>	<u>ANALYSIS NOTE(S)</u>
<i>E.coli</i> Bacteria, SM 9223 B E.coli	110	10	

SAMPLE AND ANALYSIS NOTES

1. Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

ANALYSIS INFORMATION

<u>TEST</u>	<u>ANALYZED</u>	<u>SITE</u>	<u>RELEASED</u>	<u>ANALYSIS PREP</u>
1. E.coli Bacteria, SM 9223 B	2022-06-22 15:59 DJO, JAC	3200	2022-06-23 10:43 DJO	

DESCRIPTION OF UNITS

[MPN]/100mL = Most Probable Number per 100 Milliliters

SITE(S) PERFORMING TESTING

3200 STATE HYGIENIC LABORATORY CORALVILLE, UNIVERSITY OF IOWA RESEARCH PK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Michael D. Schueller, M.S., Associate Director; Wade K. Aldous, Ph.D. (D)ABMM, Associate Director; IOWA ENVIRONMENTAL LAB ID #027

The result(s) of this report relate only to the items analyzed. Where the laboratory has not been responsible for the sampling stage the results apply only to the sample as received. This report shall not be reproduced except in full without the written approval of the laboratory. If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500.



Collection Location trib 1	Collector and Phone alexander michael 319/361-5292.	Client Reference larry gullett	Accession # 2121713
OXFORD,	Collected 2022-06-22 08:55	Received 2022-06-22 11:11	Project
Report To	LARRY GULLET/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD 2048 HWY 6 NW OXFORD, IA 52322		Sample Description surface water
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT

TEST	RESULT ([MPN]/100mL)	QUANT LIMIT	ANALYSIS NOTE(S)
<i>E.coli</i> Bacteria, SM 9223 B E.coli	12000	10	

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-22 15:59 DJO, JAC	3200	2022-06-23 10:43 DJO	

DESCRIPTION OF UNITS

[MPN]/100mL = Most Probable Number per 100 Milliliters

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Collection Location trib 2	Collector and Phone alexander michael 319/361-5292	Client Reference gullett larry	Accession # 2121712
OXFORD,	Collected 2022-06-22 09:17	Received 2022-06-22 11:11	Project
Report To	LARRY GULLETT/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD 2048 HWY 6 NW OXFORD, IA 52322		Sample Description surface water
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT

TEST	RESULT ([MPN]/100mL)	QUANT LIMIT	ANALYSIS NOTE(S)
<i>E.coli</i> Bacteria, SM 9223 B E.coli	2200	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-22 15:59 DJO, JAC	3200	2022-06-23 10:43 DJO	

DESCRIPTION OF UNITS

[MPN]/100mL = Most Probable Number per 100 Milliliters

SITE(S) PERFORMING TESTING

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Collection Location cgrh #1	Collector and Phone alexander michael 316/361-5292	Client Reference larry gullett	Accession # 2121715
OXFORD,	Collected 2022-06-22 08:35	Received 2022-06-22 11:11	Project
Report To	LARRY GULLET/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD 2048 HWY 6 NW OXFORD, IA 52322		Sample Description surface water
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT ([MPN]/100mL)</u>	<u>QUANT LIMIT</u>	<u>ANALYSIS NOTE(S)</u>
<i>E.coli</i> Bacteria, SM 9223 B E.coli	8200	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

<u>TEST</u>	<u>ANALYZED</u>	<u>SITE</u>	<u>RELEASED</u>	<u>ANALYSIS PREP</u>
1. E.coli Bacteria, SM 9223 B	2022-06-22 15:59 DJO, JAC	3200	2022-06-23 10:43 DJO	

DESCRIPTION OF UNITS

[MPN]/100mL = Most Probable Number per 100 Milliliters

SITE(S) PERFORMING TESTING

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Collection Location beach	Collector and Phone alexander michael 319/361-5292	Client Reference larry gullett	Accession # 2121716
OXFORD,	Collected 2022-06-22 10:35	Received 2022-06-22 11:11	Project
Report To	LARRY GULLET/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD 2048 HWY 6 NW OXFORD, IA 52322		Sample Description surface water
			Sample Type Non-Drinking Water
			Sample Source
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT

<u>TEST</u>	<u>RESULT ([MPN]/100mL)</u>	<u>QUANT LIMIT</u>	<u>ANALYSIS NOTE(S)</u>
<i>E.coli</i> Bacteria, SM 9223 B E.coli	31	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

<u>TEST</u>	<u>ANALYZED</u>	<u>SITE</u>	<u>RELEASED</u>	<u>ANALYSIS PREP</u>
1. E.coli Bacteria, SM 9223 B	2022-06-22 15:59 DJO, JAC	3200	2022-06-23 10:43 DJO	

DESCRIPTION OF UNITS

[MPN]/100mL = Most Probable Number per 100 Milliliters

SITE(S) PERFORMING TESTING

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