

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	8:00 AM	25.0	77.0	5.88	2.30	8.62	0.0	0.0	0.900	900	0.1	0.0	sunny	8 mph	73
KPL-NE	9:04 AM	25.5	77.9	6.21	2.90	8.50	0.0	0.0	0.100	100	0.1	0.0	sunny	8 mph	73
KPL-NW	8:12 AM	25.5	77.9	5.55	2.70	8.43	0.0	0.0	0.040	40	0.1	0.0	sunny	8 mph	73
KPL-Ramp	9:21 AM	25.9	78.6	7.32	1.78*	8.36	0.0	0.0	0.100	100	0.1	0.0	sunny	8 mph	73
KPL- Beach	8:44 AM	25.8	78.4	7.46	2.20*	8.68	0.0	0.0	0.100	100	0.0	0.0	sunny	8 mph	73
KPL- SE	8:36 AM	25.5	77.9	6.74	2.10*	8.68	0.0	0.0	0.100	100	0.0	0.0	sunny	8 mph	73
KPL-Deep	8:30 AM	25.8	78.4	7.44	3.05	8.67	0.0	0.0	0.130	130	0.1	0.0	sunny	8 mph	73
KPL-Outflow	12:11 PM	26.7	80.1	7.77	>62	8.58	0.0	0.0	0.130	130	0.1	0.0	sunny	8 mph	73

\* bottomed out on lake

note: less filamentous algae - only noticeable algae is attached to submerged/emergent vegetation or submerged objects

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	10:19 AM	20.5	68.9	7.51	11	7.75	0.0	0.0	3.17	3170	1.0	0.00	sunny		8 mph	73
Trib-1	10:46 AM	19.1	66.4	7.92	36	8.01	3.5	0.1	1.35	1350	0.4	0.00	sunny		8 mph	73
Trib-2	11:03 AM	24.6	76.3	7.80	>62	8.74	0.0	0.0	0.31	310	0.1	0.00	sunny		8 mph	73
CB-1 Mid	10:55 AM	25.0	77.0	10.42	>62	9.44	0.1	0.0	0.33	330	0.2	0.00	sunny		8 mph	73
CB-1 Out	12:25 PM	17.70	63.86	8.77	>62	8.16	0.00	0.00	0.45	450	0.20	0.00	sunny		8 mph	73
CB-2 In	11:14 AM	22.7	72.9	6.22	>62	7.88	0.0	0.0	0.52	520	1.0	0.00	sunny		8 mph	73
CB-2 Out	12:35 PM	19.9	67.8	7.12	47	7.88	0.0	0.0	0.67	670	0.6	0.00	sunny		8 mph	73
CB-3A In	12:54 PM	25.7	78.3	7.31	>62	8.07	0.0	0.0	0.66	660	0.1	0.00	sunny		8 mph	73
CB-3A Out	1:05 PM	24.1	75.4	4.82	>62	7.70	0.0	0.0	0.25	250	0.8	0.00	sunny		8 mph	73
CB-3 In	1:04 PM	25	77.0	5.23	>62	7.23	0.0	0.0	0.25	250	0.2	0.00	sunny		8 mph	73
CB-3 Out	0.55	22.70	72.86	6.27	>62	7.82	0.00	0.00	0.27	270	0.30	0.00	sunny		8 mph	73
CB-E In	1:23 PM	27.8	82.0	9.47	>62	8.19	0.0	0.0	0.24	240	0.1	0.00	sunny		8 mph	73
CB-E Out	No Flowing Water															

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	1:39 PM	27.9	82.2	9.80	>62	8.84	0	0	0.1	100	0.1	0	sunny		9 mph	78
CB-A Out	No Flowing Water															
CB-B In	1:53 PM	28.8	83.8	12.28	29	8.7	0	0	0.5	500	0.2	0	sunny		9 mph	78
CB-B Out	2:28 PM	22.7	72.9	7.24	25	8.03	0	0	0.68	680	0.2	0	sunny		9 mph	78
CB-C In	2:36 PM	26.7	80.1	12.04	>62	8.48	0	0	0.15	150	0.1	0	sunny		9 mph	78
CB-C Out	2:46 PM	22.1	71.8	7.01	>62	7.98	0	0	0.28	280	0.1	0	sunny		9 mph	78
CB-4 In	2:54 AM	25.7	78.3	9.28	>62	8.71	0	0	0.13	130	0.2	0	sunny		9 mph	78
CB-4 Out	3:06 PM	21.8	71.2	4.93	>62	7.59	0	0	0.43	430	0.8	0	sunny		9 mph	78

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	7:35	15.3	59.54	9.45	15	8.22	0	0	1.100	1100	0.3	0		0%	2	62
CGRH - 2	No Flowing Water															



Collection Location m 1	Collector and Phone proffit chloe 319/930-8818	Client Reference larry gullett	Accession # 2125752
OXFORD,	Collected 2022-06-29 08:34	Received 2022-06-29 09:47	Project
Report To	LARRY GULLETT/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD		Sample Description surface water
	2048 HWY 6 NW OXFORD, IA 52322		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	31	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

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

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 proffit chloe 319/930-8818	Client Reference larry gullett	Accession # 2125748
OXFORD,	Collected 2022-06-29 07:45	Received 2022-06-29 09:47	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	12000	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

DESCRIPTION OF UNITS

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

SITE(S) PERFORMING TESTING

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Collection Location trib 2	Collector and Phone proffit chloe 319/930-8818	Client Reference larry gullett	Accession # 2125750
OXFORD,	Collected 2022-06-29 07:51	Received 2022-06-29 09:47	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	75	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

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

DESCRIPTION OF UNITS

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

SITE(S) PERFORMING TESTING

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Collection Location cb-1 out	Collector and Phone proffit chloe 319/930-8818	Client Reference larry gullett	Accession # 2125751
OXFORD,	Collected 2022-06-29 08:04	Received 2022-06-29 09:47	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	930	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

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 proffit chloe 319/930-8818	Client Reference larry gullett	Accession # 2125747
OXFORD,	Collected 2022-06-29 07:33	Received 2022-06-29 09:47	Project
Report To	LARRY GULLETT/BLAKE HARRIS JOHNSON CO CONSERVATION BOARD		Sample Description surface water
	2048 HWY 6 NW OXFORD, IA 52322		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 <b>E.coli</b>	<b>1100</b>	<b>10</b>	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

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 riek jeremy 319/930-8818	Client Reference larry gullett	Accession # 2125749
OXFORD,	Collected 2022-06-29 07:47	Received 2022-06-29 09:47	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	<10.	10	

SAMPLE AND ANALYSIS NOTES

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ANALYSIS INFORMATION

TEST	ANALYZED	SITE	RELEASED	ANALYSIS PREP
1. E.coli Bacteria, SM 9223 B	2022-06-29 10:59 JAC, DJO	3200	2022-06-30 11:31 JAC	

DESCRIPTION OF UNITS

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

SITE(S) PERFORMING TESTING

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