

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	22.9	73.2	8.48	2.55	8.24	0.0	0.0	0.260	260	0.1	1.75	mostly sunny	0-5	66
KPL-NE	8:09 AM	23.0	73.4	9.03	3.05	8.59	0.0	0.0	0.180	180	0.1	1.75	mostly sunny	0-5	66
KPL-NW	8:24 AM	22.9	73.2	8.91	2.65	8.68	0.0	0.0	0.180	180	0.1	1.75	mostly sunny	0-5	66
KPL-Ramp	9:14 AM	22.7	72.9	9.37	2.70	8.72	0.0	0.0	0.200	200	0.1	1.75	mostly sunny	0-5	66
KPL- Beach	9:05 AM	22.5	72.5	9.28	2.35	8.71	0.0	0.0	0.140	140	0.1	1.75	mostly sunny	0-5	66
KPL- SE	8:51 AM	22.3	72.1	9.21	2.45	8.70	0.0	0.0	0.130	130	0.1	1.75	mostly sunny	0-5	66
KPL-Deep	8:42 AM	22.5	72.5	9.40	2.40	8.72	0.0	0.0	0.130	130	0.1	1.75	mostly sunny	0-5	66
KPL-Outflow	10:56 AM	24.0	75.2	7.93	>62 cm	8.64	0.0	0.0	0.320	320	0.1	1.75	mostly sunny	0-5	66

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	10:24 AM	21.7	71.1	5.20	16.8	7.70	0.0	0.0	3.30	3300	0.6	1.75	partly cloudy		0-5	72
Trib-1	12:21 PM	21.7	71.1	7.79	51	7.99	0.2	0.0	1.13	1130	0.3	1.75	partly cloudy		0-5	72
Trib-2	1:14 PM	23.4	74.1	6.26	>62	7.83	0.0	0.0	0.44	440	0.4	1.75	partly cloudy		0-5	72
CB-1 Mid	12:34 PM	26.8	80.2	16.60	>62	9.80	0.0	0.0	0.38	380	0.3	1.75	partly cloudy		0-5	72
CB-1 Out	12:50 PM	20.1	68.2	7.11	47	7.80	0.0	0.0	0.55	550	0.6	1.75	partly cloudy		0-5	72
CB-2 In	11:06 AM	18.6	65.5	7.97	>62	8.00	0.0	0.0	0.87	870	0.2	1.75	partly cloudy		0-5	72
CB-2 Out	1:02 PM	19.7	67.5	7.52	48	7.97	0.0	0.0	0.62	620	0.2	1.75	partly cloudy		0-5	72
CB-3A In	1:12 PM	23.0	73.4	8.76	>62	8.15	0.0	0.0	0.29	290	0.2	1.75	partly cloudy		0-5	72
CB-3A Out	1:25 PM	22.5	72.5	7.26	>62	7.98	0.0	0.0	0.30	300	0.2	1.75	partly cloudy		0-5	72
CB-3 In	1:29 PM	22	71.6	7.61	>62	7.95	0.0	0.0	0.27	270	0.2	1.75	partly cloudy		0-5	72
CB-3 Out	1:38 PM	20.8	69.4	6.55	>62	7.81	0.0	0.0	0.37	370	0.3	1.75	partly cloudy		0-5	72
CB-E In	1:50 PM	26.2	79.2	8.50	>62	8.28	0.0	0.0	0.29	290	0.1	1.75	partly cloudy		0-5	72
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	8:21 AM	22	71.6	9.63	>62	8.62	0	0	0.31	310	0.1	0	sunny		6	62
CB-A Out	No Flowing Water															
CB-B In	8:36 AM	21.7	71.6	6.41	>62	8.05	0	0	0.33	330	0.1	0	sunny		6	62
CB-B Out	8:40 AM	20	67.82	6.31	40	7.94	0	0	0.65	650	0.2	0	sunny		6	62
CB-C In	8:57 AM	21.4	71.06	7.83	>62	8.29	0	0	0.21	210	0.2	0	sunny		6	62
CB-C Out	No Flowing Water															
CB-4 In	9:17 AM	20.9	70.52	6.20	>62	8.33	0	0	0.35	350	0.2	0	sunny		6	62
CB-4 Out	9:32 AM	19.9	67.82	5.20	>62	7.79	0	0	0.31	310	0.2	0	sunny		6	62

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	2:45	19.7	67.5	7.96	36.8	8.05	0.1	0	0.830	830	0.3	1.75		100%	5-10 mph	74
CGRH - 2	2:39	18.8	65.8	4.31	11.6	7.3	0	0	1.140	1140	0.4	1.75		100%	5-10 mph	74



Collection Location m 1  OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference gullett larry	Accession # 2112716
	Collected 2022-06-08 09:17	Received 2022-06-08 09:43	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 <b>E.coli</b>	<b>170</b>	<b>10</b>	

## 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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 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  OXFORD,	Collector and Phone riek jeremy 319/930-8818	Client Reference gullett larry	Accession # 2112720
	Collected 2022-06-08 07:57	Received 2022-06-08 09:43	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 <b>E.coli</b>	<b>2800</b>	<b>10</b>	

## 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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 JAC	

## DESCRIPTION OF UNITS

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

## SITE(S) PERFORMING TESTING

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Collection Location trib 2  OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference larry gullett	Accession # 2112721
	Collected 2022-06-08 08:02	Received 2022-06-08 09:43	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 <b>E.coli</b>	<b>610</b>	<b>10</b>	

## 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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 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  OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference gullett larry	Accession # 2112722
	Collected 2022-06-08 08:15	Received 2022-06-08 09:43	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**

<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 <b>E.coli</b>	<b>380</b>	<b>10</b>	

**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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 JAC	

**DESCRIPTION OF UNITS**

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

**SITE(S) PERFORMING TESTING**

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Collection Location cgrh 1  OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference gullett larry	Accession # 2112718
	Collected 2022-06-08 07:42	Received 2022-06-08 09:43	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**

<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 <b>E.coli</b>	<b>650</b>	<b>10</b>	

**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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 JAC	

**DESCRIPTION OF UNITS**

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

**SITE(S) PERFORMING TESTING**

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Collection Location cgrh 2	Collector and Phone rieck jeremy 319/930-8818	Client Reference gullett larry	Accession # 2112717
	Collected 2022-06-08 07:40	Received 2022-06-08 09:43	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**

<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 <b>E.coli</b>	<b>98</b>	<b>10</b>	

**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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 CLL, DJO	3200	2022-06-09 10:09 CLL	

**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 rieck jeremy 319/930-8818	Client Reference gullet larry	Accession # 2112719
	Collected 2022-06-08 08:58	Received 2022-06-08 09:43	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 <b>E.coli</b>	<b>30.</b>	<b>10</b>	

**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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-08 12:36 JAC, CLL	3200	2022-06-09 09:00 JAC	

**DESCRIPTION OF UNITS**

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

**SITE(S) PERFORMING TESTING**

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