

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	10:50 AM	25.4	77.7	8.61	2.50	8.63	0.0	0.0	0.230	230	0.1	0.00	50%	5-10	69
KPL-NE	11:03 AM	25.4	77.7	9.09	2.30	8.64	0.0	0.0	0.210	210	0.1	0.00	50%	5-10	69
KPL-NW	11:15 AM	25.4	77.7	9.13	2.32	8.71	0.0	0.0	0.120	120	0.1	0.00	50%	5-10	69
KPL-Ramp	11:57 AM	25.2	77.4	9.50	1.5*	8.68	0.0	0.0	0.270	270	0.1	0.00	50%	5-10	69
KPL- Beach	11:42 AM	24.8	76.6	9.40	1.95	8.68	0.0	0.0	0.230	230	0.1	0.00	50%	5-10	69
KPL- SE	11:37 AM	24.5	76.1	10.10	1.80	8.64	0.0	0.0	0.220	220	0.1	0.00	50%	5-10	69
KPL-Deep	11:27 AM	24.5	76.1	10.40	2.00	8.73	0.0	0.0	0.190	190	0.1	0.00	50%	5-10	69
KPL-Outflow	1:07 AM	26.5	79.7	7.5	>62 cm	8.64	0.0	0.0	0.150	150	0.1	0.00	50%	5-10	69

* 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	10:09 AM	26.7	80.1	4.70	15	7.60	0.0	0.0	3.30	3300	1.0	0.00	0%	11	79	
Trib-1	8:06 AM	20.3	68.5	7.35	32	8.08	2.0	0.2	0.91	910	0.6	0.00	0%	11	79	
Trib-2	8:26 AM	25.5	77.9	4.89	>62	8.08	0.0	0.0	0.22	220	0.3	0.00	0%	11	79	
CB-1 Mid	8:17 AM	26.2	79.2	10.80	>62	9.67	0.0	0.0	0.15	150	0.2	0.00	0%	11	79	
CB-1 Out	8:48 AM	21.5	70.7	6.44	>62	7.69	0.0	0.0	0.73	730	1.0	0.00	0%	11	79	
CB-2 In	8:35 AM	19.4	66.9	8.14	>62	8.04	0.0	0.0	0.35	350	0.2	0.00	0%	11	79	
CB-2 Out	8:59 AM	19.8	67.6	7.20	>62	7.90	0.0	0.0	0.52	520	0.3	0.00	0%	11	79	
CB-3A In	10:44 AM	28.9	84.0	7.4	40	8.25	0.0	0.0	0.49	490	0.2	0.00	0%	11	79	
CB-3A Out	10:46 AM	27.9	82.2	7.88	>62	8.13	0.0	0.0	0.24	240	0.2	0.00	0%	11	79	
CB-3 In	10:58 AM	28.2	82.8	7.09	>62	8.14	0.0	0.0	0.07	70	0.2	0.00	0%	11	79	
CB-3 Out	11:05 AM	23.4	74.1	5.29	>62	7.65	0.0	0.0	0.38	380	0.6	0.00	0%	11	79	
CB-E In	9:14 AM	26.9	80.4	7.54	>62	8.02	0.0	0.0	0.13	130	0.2	0.00	0%	11	79	
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	1:28 PM	27.9	82.2	9.98	>62	8.75	0	0	0.2	200	0.1	0.3	90%		5 to 10	84
CB-A Out	No Flowing Water															
CB-B In	1:41 PM	29.4	84.9	10.40	22	8.34	0	0	0.65	650	0.2	0	90%		5 to 10	84
CB-B Out	1:49 PM	23.7	74.7	6.40	>62	7.94	0	0	0.37	370	0.2	0	90%		5 to 10	84
CB-C In	1:58 PM	25.9	78.6	11.35	>62	8.44	0	0	0.17	170	0.1	0	90%		5 to 10	84
CB-C Out	2:24 PM	22.4	72.3	5.78	>62	7.94	0	0	0.33	330	0.2	0	90%		5 to 10	84
CB-4 In	2:33 PM	27.2	81.0	13.30	>62	9.14	0	0	0.21	210	0.1	0	90%		5 to 10	84
CB-4 Out	2:48 PM	21.7	71.1	4.87	>62	7.63	0	0	0.6	600	0.6	0	90%		5 to 10	84

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	7:44	20.3	68.5	8.63	20	8.14	0	0	1.080	1080	0.4	0		0%	11	79
CGRH - 2	No Flowing Water															



Collection Location m-1 OXFORD,	Collector and Phone rieck jeremy 131/993-0881.8	Client Reference larry gullet	Accession # 2117239
	Collected 2022-06-14 10:05	Received 2022-06-15 08:00	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	30.	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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 OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference larry gullet	Accession # 2117241
	Collected 2022-06-14 08:06	Received 2022-06-15 08:00	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	5200	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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-2 OXFORD,	Collector and Phone rieck jeremy 319/930-8818	Client Reference larry gullet	Accession # 2117242
	Collected 2022-06-14 08:26	Received 2022-06-15 08:00	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	230	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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 cb-1-out OXFORD,	Collector and Phone rieck jeremy 319/930-8818.	Client Reference larry gullet	Accession # 2117240
	Collected 2022-06-14 08:47	Received 2022-06-15 08:00	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	63	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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 cgrh-1 OXFORD,	Collector and Phone rieck jeremy 319/930-8815	Client Reference larry gullet	Accession # 2117243
	Collected 2022-06-14 07:44	Received 2022-06-15 08:00	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	600	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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 cgrh-2	Collector and Phone riECK jeremy 319/930-8818	Client Reference larry	Accession # 2117244
	Collected 2022-06-14 07:42	Received 2022-06-15 08:00	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	41	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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 beach	Collector and Phone rieck jeremy 319/930-8818	Client Reference larry gullet	Accession # 2117245
	Collected 2022-06-15 07:36	Received 2022-06-15 08:00	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	<10.	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. <i>E.coli</i> Bacteria, SM 9223 B	2022-06-15 10:41 DJO, AS	3200	2022-06-16 11:02 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.