

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	9:30 AM	21.8	71.2	7.09	2.35	8.20	0.0	0.0	0.060	60	0.1	0.0	75%	0-5	67
KPL-NE	10:03 AM	21.9	71.4	7.41	3.37	8.24	0.0	0.0	0.060	60	0.1	0.0	75%	0-5	67
KPL-NW	10:24 AM	21.9	71.4	7.50	3.18	8.29	0.0	0.0	0.100	100	0.1	0.0	75%	0-5	67
KPL-Ramp	11:26 AM	22.1	71.8	7.74	1.20*	8.35	0.0	0.0	0.100	100	0.1	0.0	75%	0-5	67
KPL- Beach	11:11 AM	22.2	72.0	7.62	2.45	8.32	0.0	0.0	0.100	100	0.1	0.0	75%	0-5	67
KPL- SE	11:02 AM	22.2	72.0	7.05	2.75	8.29	0.0	0.0	0.040	40	0.1	0.0	75%	0-5	67
KPL-Deep	10:44 AM	22.1	71.8	7.51	3.35	8.34	0.0	0.0	0.060	60	0.1	0.0	75%	0-5	67
KPL-Outflow	2:41 AM	22.4	72.3	7.67	>62cm	8.33	0.0	0.0	0.100	100	0.1	0.0	75%	0-5	67

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	1:35 PM	No Data Collected				8.43	0.0	0.0	3.30	3300	1.0	0.0	75%	5 to 10	71	
Trib-1	2:20 PM	19.8	67.6	11.41	>62	8.50	2.0	0.0	0.53	530	0.1	0.0	75%	5 to 10	71	
Trib-2	9:25 AM	18.4	65.1	8.26	48	8.09	0.0	0.0	3.30	3300	0.2	0.3	75%	5 to 10	57	
CB-1 Mid	9:40 AM	19.2	66.6	8.16	>62	8.31	0.0	0.0	0.22	220	0.1	0.3	75%	5 to 10	57	
CB-1 Out	9:58 AM	16.5	61.7	8.18	>62	7.93	0.0	0.0	0.42	420	0.4	0.3	75%	5 to 10	57	
CB-2 In	10:40 AM	14.2	57.6	8.92	>62	8.01	0.0	0.0	0.46	460	0.2	0.3	75%	5 to 10	57	
CB-2 Out	11:05 AM	16.4	61.5	8.02	>62	8.00	0.0	0.0	0.28	280	0.2	0.3	75%	5 to 10	57	
CB-3A In	12:28 PM	20.5	68.9	12.73	>62	8.77	0.0	0.0	0.18	180	0.2	0.3	75%	5 to 10	57	
CB-3A Out	12:39 PM	18.1	64.6	8.54	>62	8.16	0.0	0.0	0.18	180	0.1	0.3	75%	5 to 10	57	
CB-3 In	12:48 PM	20.7	69.3	8.73	>62	8.82	0.0	0.0	0.13	130	0.1	0.3	75%	5 to 10	57	
CB-3 Out	1:02 PM	19.7	67.5	7.89	>62	8.03	0.0	0.0	0.18	180	0.2	0.3	75%	5 to 10	57	
CB-E In	1:19 PM	21.9	71.4	8.36	>62	8.09	0.0	0.0	0.15	150	0.1	0.3	75%	5 to 10	5	
CB-E Out	1:30 PM	20.1	68.2	7.87	>62	7.98	0.0	0.0	0.33	330	0.2	0.3	75%	5 to 10	57	

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	2:45 PM	22.4	72.3	8.41	>62	8.52	0	0	0.17	170	0.1	0.3	75%	5 to 10	57	
CB-A Out	No Flow															
CB-B In	8:17 AM	20.4	68.7	7.29	>62	8.05	0	0	0.28	280	0.2	0	25%	0 to 5	64	
CB-B Out	8:25 AM	18.6	65.5	7.11	44	8.03	0	0	0.56	560	0.2	0	25%	0 to 5	64	
CB-C In	8:36 AM	20.6	69.1	8.60	>62	8.17	0	0	0.22	220	0.2	0	25%	0 to 5	64	
CB-C Out	8:55 AM	19.8	67.6	6.50	56.2	7.84	0	0	0.35	350	0.3	0	25%	0 to 5	64	
CB-4 In	9:05 AM	20.6	69.1	10.12	>62	8.43	0	0	0.12	120	0.1	0	25%	0 to 5	64	
CB-4 Out	9:24 AM	21.4	70.5	7.77	>62	7.99	0	0	0.07	70	0.2	0	25%	0 to 5	64	

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		20.1	68.2	7.22	>62	8.1	0	0	0.820	820	0.1	0	25%	5-10	73	
CGRH - 2		17.9	64.2	5.45	>62	7.17	0	0	0.300	300	0.1	0	25%	5-10	73	



Collection Location m 1	Collector and Phone riek jeremy 319/930-8818	Client Reference larry gullett	Accession # 2102489
OXFORD,	Collected 2022-05-19 11:25	Received 2022-05-19 12:36	Project
Report To	LARRY GULLET/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	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

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

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Collection Location trib 1	Collector and Phone riECK jeremy 319/930-8818	Client Reference larry gullett	Accession # 2102486
OXFORD,	Collected 2022-05-19 10:37	Received 2022-05-19 12:36	Project
Report To	LARRY GULLET/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	880	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	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

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 riek jeremy 319/930-8818	Client Reference gullett larry	Accession # 2102487
OXFORD,	Collected 2022-05-19 10:42	Received 2022-05-19 12:36	Project
Report To	LARRY GULLET/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	160	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	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

DESCRIPTION OF UNITS

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

SITE(S) PERFORMING TESTING

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Collection Location cb1 out	Collector and Phone riek jeremy	Client Reference gullett larry	Accession # 2102488
OXFORD,	Collected 2022-05-19 10:53	Received 2022-05-19 12:36	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	120	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	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

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 riek jeremy 319/930-8818	Client Reference gullett larry	Accession # 2102484
OXFORD,	Collected 2022-05-19 10:10	Received 2022-05-19 12:36	Project
Report To	LARRY GULLET/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	290	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	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

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 riek jeremy 319/930-8818	Client Reference larry gullett	Accession # 2102485
OXFORD,	Collected 2022-05-19 10:14	Received 2022-05-19 12:36	Project
Report To	LARRY GULLET/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**

<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>63</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. E.coli Bacteria, SM 9223 B	2022-05-19 16:05 AS, CAL	3200	2022-05-20 11:23 AS	

**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

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Collection Location beach	Collector and Phone riek jeremy 319/930-8818	Client Reference gullett larry	Accession # 2102961
OXFORD,	Collected 2022-05-20 07:44	Received 2022-05-20 08:26	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. E.coli Bacteria, SM 9223 B	2022-05-20 15:36 CAL, CLL	3200	2022-05-23 08:38 CLL	

DESCRIPTION OF UNITS

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

SITE(S) PERFORMING TESTING

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