F.W. Kent Park Lake							Paramet	er Targets				Weather Conditions				
Water Qu	ality Resul	lts		≥ 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)	рН	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	7:46 AM	27.1	80.8	5.67	2.35	8.42	0.0	0.0	0.180	180	0.1	1.6	5%	5-10 mph	80	
KPL-NE	7:56 AM	27.2	81.0	6.48	2.95	8.39	0.0	0.0	0.090	90	0.1	1.6	5%	5-10 mph	80	
KPL-NW	8:10 AM	27.1	80.8	5.98	3.20	8.36	0.0	0.0	0.180	180	0.1	1.6	5%	5-10 mph	80	
KPL-Ramp	8:47 AM	26.9	80.4	7.01	1.64*	8.47	0.0	0.0	0.070	70	0.1	1.6	5%	5-10 mph	80	
KPL- Beach	8:37 AM	27.0	80.6	7.40	2.45*	8.51	0.0	0.0	0.050	50	0.1	1.6	5%	5-10 mph	80	
KPL- SE	8:30 AM	26.7	80.1	6.46	2.29*	8.44	0.0	0.0	0.020	20	0.1	1.6	5%	5-10 mph	80	
KPL-Deep	8:19 AM	26.9	80.4	7.14	2.85	8.45	0.0	0.0	0.050	50	0.1	1.6	5%	5-10 mph	80	
KPL-Outflow	9:55 AM	27.7	81.9	7.25	>62 T.T.	8.54	0.0	0.0	0.090	90	0.1	1.6	5%	5-10 mph	80	

<sup>\*</sup> bottomed out on lake

note: less filamentous algae - only noticeable algae is attached to submerged/emergent vegetation or submerged objects; vegetation starting to dissapate Post-4th of July weekend with heavy campground use

Main St	em Drain	age					Paramet	er Targets					Weather	Conditions	
Water Qu	Vater Quality Results					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)	рН	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	9:32 AM	23.2	73.8	7.17	12	7.77	0.0	0.0	2.38	2380	0.1	0.3	95%	2 mph	73
Trib-1	8:10 AM	21.0	69.8	7.97	19	8.07	2.0	0.0	0.94	940	1.0	0.3	95%	2 mph	73
Trib-2	8:34 AM	26.6	79.9	5.76	>62	8.49	0.0	0.0	0.33	330	0.2	0.3	95%	2 mph	73
CB-1 Mid	8:23 AM	27.6	81.7	7.79	>62	9.73	0.0	0.0	0.14	140	0.2	0.3	95%	2 mph	73
CB-1 Out <sup>3</sup>	8:54 AM	22.0	71.6	6.87	>62	7.64	0.0	0.0	1.07	1070	2.0	0.3	95%	2 mph	73
CB-2 In	12:39 PM	22.7	72.9	7.74	>62	8.10	0.0	0.0	0.43	430	0.4	1.6	10%	10 mph	93
CB-2 Out	12:55 PM	22.1	71.8	6.49	52	7.86	0.0	0.0	0.61	610	1.0	1.6	10%	10 mph	93
CB-3A In <sup>1</sup>	1:24 PM	28.6	83.5	7.01	>62	8.17	0.0	0.0	0.24	240	0.4	1.6	10%	10 mph	93
CB-3A Out	1:34 PM	28.7	83.7	8.58	>62	8.35	0.0	0.0	0.16	160	0.2	1.6	10%	10 mph	93
CB-3 In <sup>2</sup>	1:40 PM	28.7	83.7	7.42	>62	8.29	0.0	0.0	0.11	110	0.2	1.6	10%	10 mph	93
CB-3 Out	2:37 PM	24.3	75.7	4.64	>62	7.55	0.0	0.0	0.37	370	1.0	1.6	10%	10 mph	93
CB-E In	2:52 PM	32.8	91.0	7.02	>62	8.45	0.0	0.0	0.11	110	0.1	1.6	10%	10 mph	93
CB-E Out	no flowing water											10%	10 mph	93	

<sup>1:</sup> CB-3A with 25% algae cover

<sup>2:</sup> CB-3 in with 98% algae cover

 $<sup>\</sup>ensuremath{\mathsf{3:CB-1}}$  out had strongly sulfuric odor with higher than normal flow rate

Northw	rthwest Drainage						Paramet	er Targets			Weather Conditions						
Water Q	uality Resul	ts		≥ 5.00 mg/L		6.50 - 9.00	Total <	0.9 mg/L	< 0.100 mg/L	< 100 μg/L			· · · · · · · ·	501141110115			
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Transparency Tube	рН	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	10:08 AM	29.2	84.6	9.12	>62	9.01	0.0	0.0	0.06	60	0.1	1.6	10%	5-10 mph	88		
CB-A Out	no flowing water								1.6	10%	5-10 mph	88					
CB-B In	10:31 AM	30.6	87.1	9.20	59	8.59	0.0	0.0	0.44	440	0.3	1.6	10%	5-10 mph	88		
CB-B Out	10:39 AM	24.5	76.1	5.57	34	7.85	0.0	0.0	1.36	1360	0.3	1.6	10%	5-10 mph	88		
CB-C In	10:52 AM	27.3	81.1	9.59	>62	8.56	0.0	0.0	0.24	240	0.1	1.6	10%	5-10 mph	88		
CB-C Out	11:01 AM	23.6	74.5	4.66	>62	7.66	0.0	0.0	0.46	460	0.3	1.6	10%	5-10 mph	88		
CB-4 In*	11:13 AM	26.0	78.8	3.69	>62	8.29	0.0	0.0	0.1	100	0.2	1.6	10%	5-10 mph	88		
CB-4 Out	11:29 AM	22.6	72.7	4.09	>62	7.49	0.0	0.0	0.42	420	1.0	1.6	10%	5-10 mph	88		

<sup>\*</sup> CB-4 with about 50% algae cover (around shoreline); high amounts of particulate in sample

Campgr	ound - Re	ed Haw V	alley/	Parameter Targets					World of Condition						
Water Quality Results			≥ 5.00 mg/L		6.50 - 9.00	- 9.00 Total < 0.9 mg/L < 0.100 mg/L < 1		< 100 μg/L		Weather Conditions					
	Time	Temp (°C)	Temp (°F)	D.O. (mg/L)	Transparency Tube	рН	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	7:32 AM	20.6	69.1	9.39	29	8.2	0.5	0	0.720	720	0.6	0.3	70%	8 mph	72
CGRH - 2	7:34 AM		no flowing water												



Collection Location	Collector and Phone	Client Reference	Accession #		
m-1	sutherland heather	larry gullet	2128935		
	319/217-7283				
	Collected	Received	Project		
OXFORD,	2022-07-06 09:35	2022-07-06 11:12			
			Sample Description		
LARRY GULLETT/BL	AKE HARRIS		surface water		
JOHNSON CO CONS	SERVATION BOARD		Sample Type		
			Non-Drinking Water		
2048 HWY 6 NW		Sample Source			
OXFORD, IA 52322	Sample Note(s)				
			1		

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli Bacteria, SM 9223 B

E.coli 960 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
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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



Collection Location	Collector and Phone	Client Reference	Accession #
trib-1	sutherland heather	larry gullett	2128932
	319/217-7283		
	Collected	Received	Project
OXFORD,	2022-07-06 08:11	2022-07-06 11:12	
			Sample Description
LARRY GULLETT/BL	AKE HARRIS		surface water
JOHNSON CO CONS	SERVATION BOARD		Sample Type
			Non-Drinking Water
2048 HWY 6 NW		Sample Source	
OXFORD, IA 52322	Sample Note(s)		
			1

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli Bacteria, SM 9223 B

E.coli 6100 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
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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



Collection Location	Collector and Phone	Client Reference	Accession #
trib -2	sutherland heather	larry gullet	2128933
	319/217-7283		
	Collected	Received	Project
OXFORD,	2022-07-06 08:35	2022-07-06 11:12	
			Sample Description
LARRY GULLETT/BL	_AKE HARRIS		surface water
JOHNSON CO CONS	SERVATION BOARD		Sample Type
			Non-Drinking Water
2048 HWY 6 NW		Sample Source	
OXFORD, IA 52322			Sample Note(s)
			1

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli 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
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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



Collection Location	on	Collector and Phone	Client Reference	Accession #
cb 1-out		sutherland heather	larry gullet	2128934
		319/217-7283		
		Collected	Received	Project
OXFORD,		2022-07-06 08:57	2022-07-06 11:12	
				Sample Description
	LARRY GULLETT/BI	_AKE HARRIS	surface water	
<u>6</u>	JOHNSON CO CON	SERVATION BOARD	Sample Type	
#				Non-Drinking Water
Report	2048 HWY 6 NW			Sample Source
	OXFORD, IA 52322			Sample Note(s)
				1

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli Bacteria, SM 9223 B

E.coli 470 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
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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



Collection Lo	cation	Collector and Phone	Client Reference	Accession #
cgrh-1		sutherland heather	larry gullett	2128930
		319/217-7283		
		Collected	Received	Project
OXFORD,		2022-07-06 07:37	2022-07-06 11:12	
				Sample Description
	LARRY GULLETT/BI	_AKE HARRIS		surface water
ို	JOHNSON CO CON	SERVATION BOARD		Sample Type
Į				Non-Drinking Water
Report	2048 HWY 6 NW		Sample Source	
	OXFORD, IA 52322		Sample Note(s)	
				1

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli Bacteria, SM 9223 B

E.coli 680 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
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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



Collection Location	Collector and Phone	Client Reference	Accession #
beach	sutherland heather	larry gullet	2128931
	319/217-7283		
	Collected	Received	Project
OXFORD,	2022-07-06 07:51	2022-07-06 11:12	
			Sample Description
LARRY GULLETT/E	SLAKE HARRIS		surface water
JOHNSON CO CON	ISERVATION BOARD		Sample Type
L T			Non-Drinking Water
2048 HWY 6 NW			Sample Source
OXFORD, IA 52322			Sample Note(s)
			1

TEST RESULT ([MPN]/100mL) QUANT LIMIT ANALYSIS NOTE(S)

E.coli 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. E.coli Bacteria, SM 9223 B
 2022-07-06 12:13 DJO, AS
 3200
 2022-07-07 14:35 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