

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 69TH ST. N. Middle Fork

Site Number: Keck - 01

Event Rainfall Total: 0.75 Inches

Lake:

Stream:

Estimated Stream Flow: 20 CFS

Stream Level Conditions: STEADY (Rising, Falling, Steady)

Stream Velocity Conditions: Normal (Rapid/Normal, Still (backwater))

Sample Date: MARCH, 14 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.45	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.27	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	<0.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	0.67	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	<1.10	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	29.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	5.71	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	767	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: This Test Site is The inlet to the City of Keck

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 53RD ST N. Middle Fork

Site Number: Kechi-02

Event Rainfall Total: .75 Inches

Lake:

Stream:

Estimated Stream Flow: 25 CFS

Stream Level Conditions: Steady (Rising, Falling, Steady)

Stream Velocity Conditions: Normal (Rapid/Normal, Still (backwater))

Sample Date: March, 14, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.36	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.23	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	< 0.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	0.90	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	< 1.10	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	26.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	4.64	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	529	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: This test site is where all water exits the city.

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 129th ST N. Middle Fork

Site Number: Kecks-01

Event Rainfall Total: 1.75 Inches

Lake:

Stream:

Estimated Stream Flow: _____ CFS

Stream Level Conditions: Rising (Rising, Falling, Steady)

Stream Velocity Conditions: RAPID (Rapid/Normal, Still (backwater))

Sample Date: April 11, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.56	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	20.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	1.29	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	1.29	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	3.00	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	4.94	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	1850	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 53RD ST. N MIDDLE FORK

Site Number: heck-02

Event Rainfall Total: 1.75 Inches

Lake:

Stream:

Estimated Stream Flow: _____ CFS

Stream Level Conditions: RISING (Rising, Falling, Steady)

Stream Velocity Conditions: RAPID (Rapid/Normal, Still (backwater))

Sample Date: APRIL 11, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	20.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	1.12	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	1.12	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	11.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	10.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	2480	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 69th St. N. Middle Fork

Site Number: 12641-01

Event Rainfall Total: 1.50 Inches

Lake:

Stream:

Estimated Stream Flow: 5 CFS

Stream Level Conditions: STEADY (Rising, Falling, Steady)

Stream Velocity Conditions: NORMAL (Rapid/Normal, Still (backwater))

Sample Date: July 14, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.35	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	0.69	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	1.23	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	1.92	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	167	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	299	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	4880	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 53RD ST N. MIDDLE FORK

Site Number: 12ECH1-02

Event Rainfall Total: 1.50 Inches

Lake:

Stream:

Estimated Stream Flow: 5.6/10 CFS

Stream Level Conditions: STEADY (Rising, Falling, Steady)

Stream Velocity Conditions: NORMAL (Rapid/Normal, Still (backwater))

Sample Date: July 14, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	<0.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	1.34	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	1.34	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	24.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	26.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	7270	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 69th ST. N. MIDDLE FORK

Site Number: LECH1-01

Event Rainfall Total: 2.0 Inches

Lake:

Stream:

Estimated Stream Flow: _____ CFS

Stream Level Conditions: RISING (Rising, Falling, Steady)

Stream Velocity Conditions: RAPID (Rapid/Normal, Still (backwater))

Sample Date: Sept 9, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.23	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	20.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	0.84	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	21.10	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	48.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	103	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	5790	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: PH 7.01 DISSOLVED O₂ 6.05

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s

APPENDIX A

TMDL WATER MONITORING RESULTS

Site Name: 53RD STN. MIDDLE FORK

Site Number: KECH1-02

Event Rainfall Total: 2.0 Inches

Lake:

Stream:

Estimated Stream Flow: _____ CFS

Stream Level Conditions: Rising (Rising, Falling, Steady)

Stream Velocity Conditions: RAPID (Rapid/Normal, Still (backwater))

Sample Date: Sept 9, 2016

Parameters & Units Required	Results*	Sample Type	
		Grab	Composite
Total Phosphorus (mg/l)	0.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ortho-Phosphate (mg/l)	0.09	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nitrate + Nitrite (mg/l)	<0.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Kjeldahl Nitrogen (mg/l)	<0.60	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Total Nitrogen (mg/l)	<0.70	Calculate	
Chlorophyll (µg/l)		<input type="checkbox"/>	<input type="checkbox"/>
Total Suspended Solids (mg/l)	31.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turbidity (NTU)	63.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secchi Disk (feet)		<input type="checkbox"/>	<input type="checkbox"/>
E. coli (col/100ml)	1790	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: PH 7.62 Dissolved Oxygen 6.83

Footnotes and comments

* Any result shown in analytical report to be ND (non-detect) must be shown as < and the reporting/detection limit by the certified laboratory.

This form, Water Quality Results for TMDL Monitoring, is intended for use by both Phase I and Phase II MS4s.

NPDES permitted Phase I MS4s included Topeka: Unified Government of Wyandotte County and Kansas City, Kansas; and Wichita. All other NPDES permitted MS4s in Kansas are Phase II MS4s