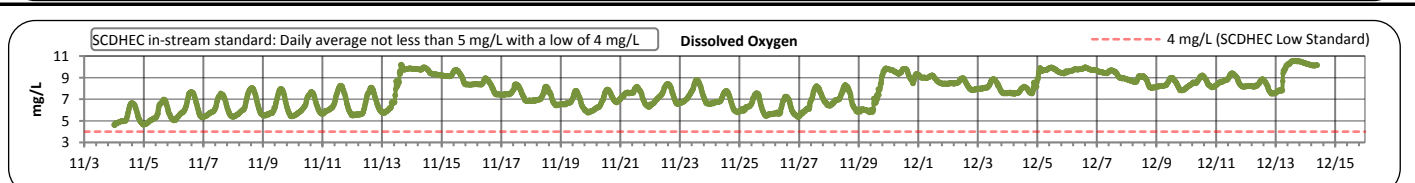
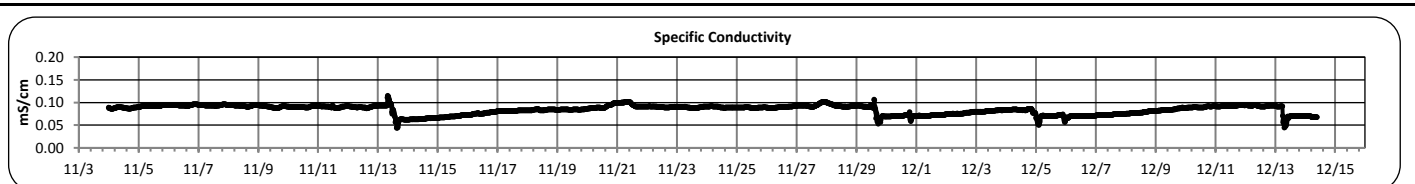
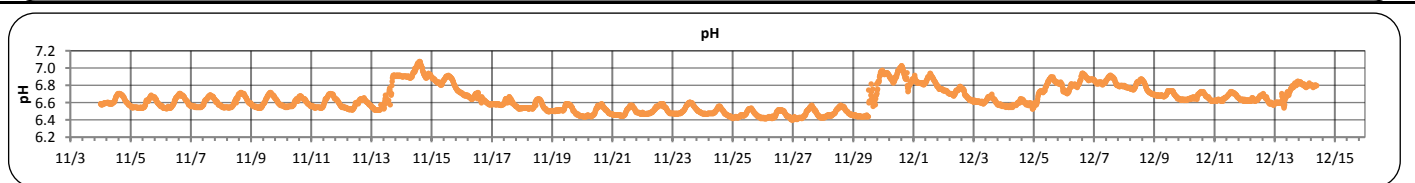
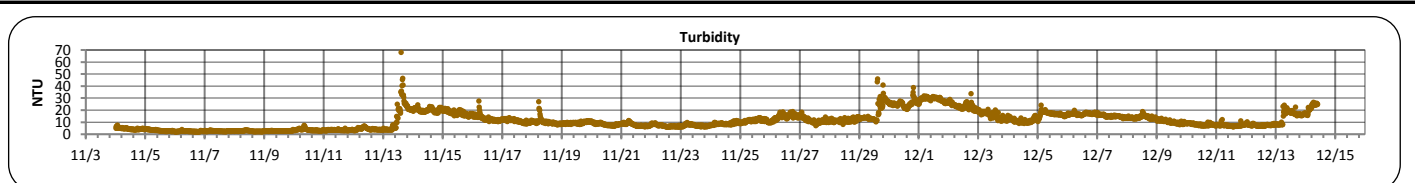
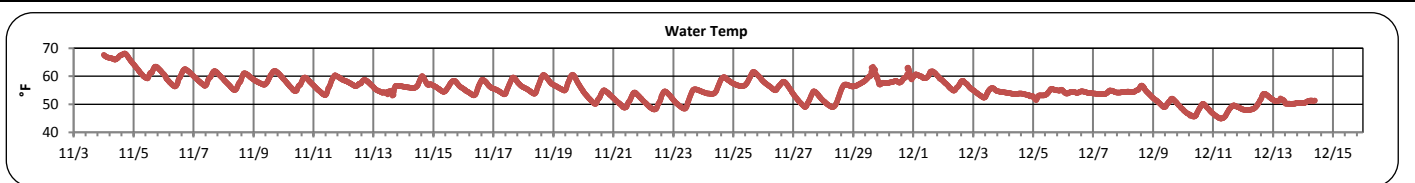
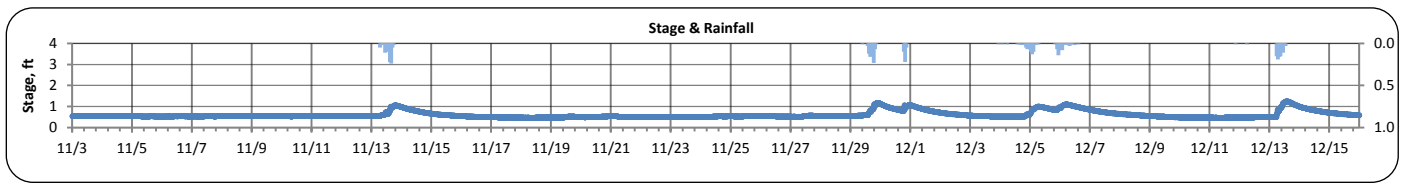


Kinley Creek A (November 3, 2016 -- December 15, 2016)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.5	1.3	0.5	0.6	0.2
LOCATION:	Longhorn Steakhouse	TEMPERATURE (°F):	45	68	55	55	4
ADDRESS:	171 Harbison Blvd Columbia, SC 29212	TURBIDITY (NTU):	2	68	10	12	7
COORDINATES:	34.069897, -81.164592	pH:	6.4	7.1	6.6	6.6	0.1
TMDL/IMPAIRMENT:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.044	0.115	0.088	0.084	0.010
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	4.6	10.6	7.7	7.7	1.4
SPATIAL LOCATION:	Most upstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.0 inches						
TOTAL RAINFALL (FOR PERIOD):	4.4 inches						



Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

**Continuous Water Quality
Monitoring Periodic Report**

Kinley Creek A (November 3, 2016 -- December 15, 2016)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

Grab Sample Data:

Analyte (units)	Sample 1		Sample 2		Sample 3	
	12/5/2016		12/5/2016		12/5/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	9:45	126	12:00	270	13:30	194
Total Suspended Solids (mg/L)	9:45	12.4	12:00	11.8	13:30	10.8
Total Phosphorus (mg/L)	9:45	0.081	12:00	0.085	13:30	0.088
Total Nitrogen (mg/L)	9:45	0.86	12:00	0.97	13:30	0.94

Notes:

Analyte (units)	Sample 4		Sample 5		Sample 6	
	12/6/2016		12/6/2016		12/6/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	8:25	244	10:06	148	11:37	196
Total Suspended Solids (mg/L)	8:25	10	10:06	9.8	11:37	10.4
Total Phosphorus (mg/L)	8:25	0.097	10:06	0.078	11:37	0.077
Total Nitrogen (mg/L)	8:25	1.19	10:06	1.05	11:37	1.07

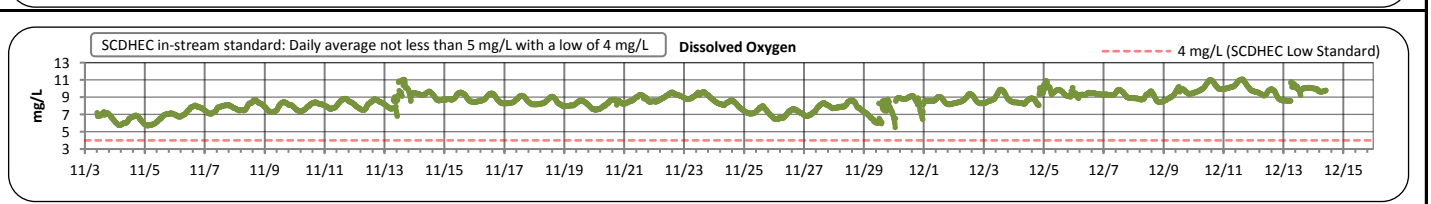
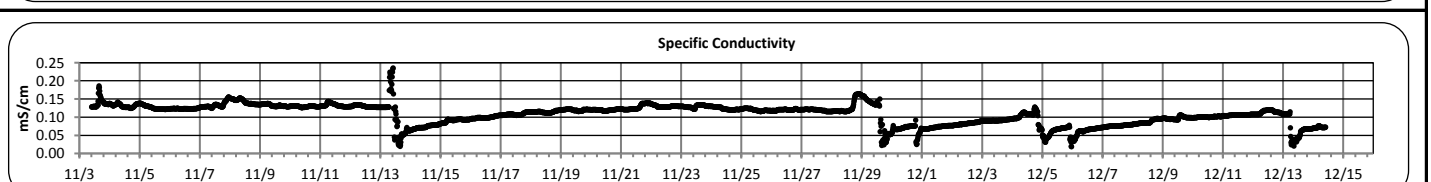
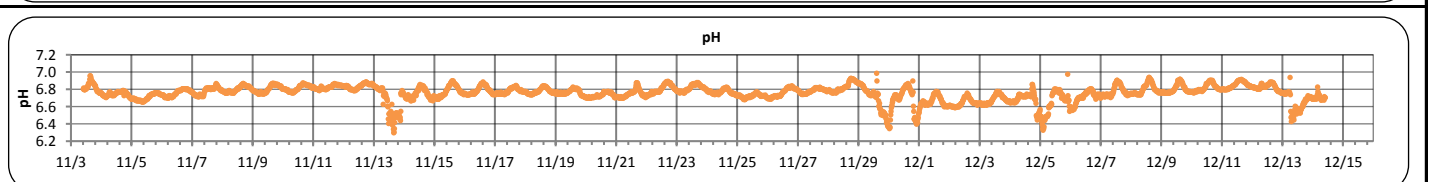
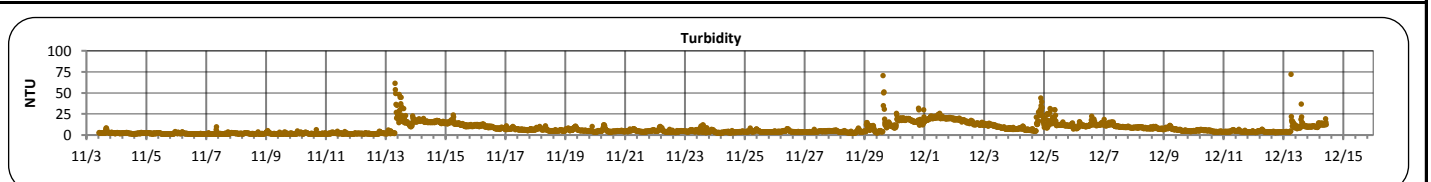
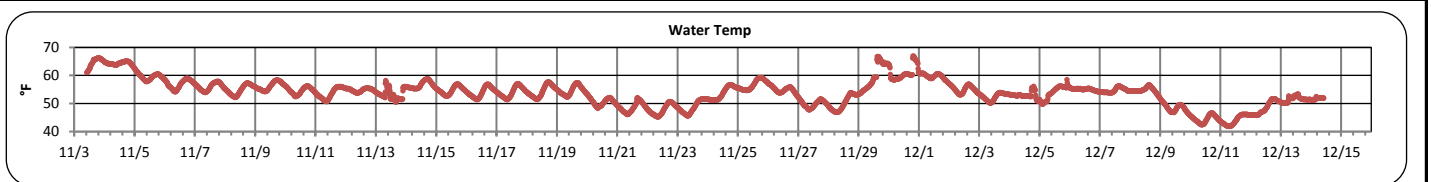
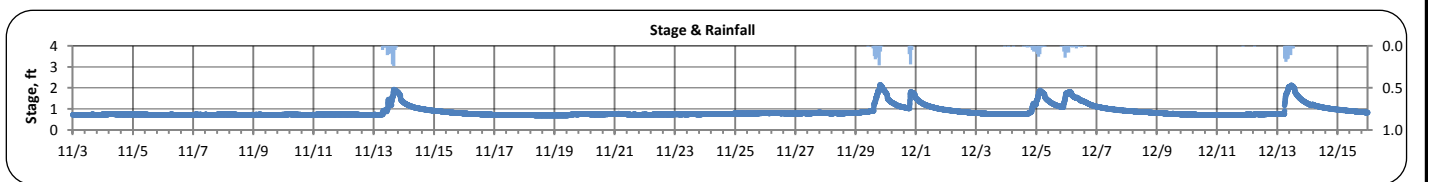
Notes:

Analyte (units)	Sample 7		Sample 8		Sample 9		Sample 10	
	12/13/2016		12/13/2016		12/13/2016		12/13/2016	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	8:06	1,300	10:21	610	12:53	196	14:21	218
Total Suspended Solids (mg/L)	8:06	10	10:21	14	12:53	14.8	14:21	13.8
Total Phosphorus (mg/L)	8:06	0.16	10:21	0.1	12:53	0.1	14:21	0.1
Total Nitrogen (mg/L)	8:06	0.55	10:21	0.81	12:53	1.14	14:21	1.06

Notes:

Kinley Creek B (November 3, 2016 -- December 15, 2016)

PARAMETER	DESCRIPTION	CONTINUOUS WATER QUALITY PARAMETERS:	SUMMARY STATISTICS				
			MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION
STREAM NAME:	Kinley Creek	STAGE (FT):	0.7	2.2	0.8	0.9	0.3
LOCATION:	Broken Hill Rd	TEMPERATURE (°F):	42	67	54	54	5
ADDRESS:	609 Broken Hill Rd Columbia, SC 29212	TURBIDITY (NTU):	1	72	5	7	6
COORDINATES:	34.06635, -81.159986	pH:	6.3	7.0	6.8	6.8	0.1
TMDL/IMPAIRED:	Fecal Coliform	SPECIFIC CONDUCTIVITY (mS/cm):	0.019	0.236	0.117	0.108	0.027
NEIGHBORING LANDUSE:	Residential and commercial	DISSOLVED OXYGEN (mg/L):	5.5	11.1	8.5	8.5	1.0
SPATIAL LOCATION:	Most downstream site						
TOTAL NO. STORMS OVER 0.1 INCH:	6						
MAX. DAILY RAINFALL:	1.0 inches						
TOTAL RAINFALL (FOR PERIOD):	4.4 inches						



Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

**Continuous Water Quality
Monitoring Periodic Report**

Kinley Creek B (November 3, 2016 -- December 15, 2016)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

Sampled Data:

Analyte (units)	Sample 1		Sample 2		Sample 3	
	12/5/2016		12/5/2016		12/5/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	10:03	338	12:15	290	13:47	126
Total Suspended Solids (mg/L)	10:03	11.6	12:15	11.2	13:47	10.4
Total Phosphorus (mg/L)	10:03	0.069	12:15	0.079	13:47	0.081
Total Nitrogen (mg/L)	10:03	0.72	12:15	0.81	13:47	1.05

Notes:

Analyte (units)	Sample 4		Sample 5		Sample 6	
	12/6/2016		12/6/2016		12/6/2016	
	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	8:07	852	9:46	1,130	11:22	558
Total Suspended Solids (mg/L)	8:07	10.6	9:46	8.5	11:22	8.6
Total Phosphorus (mg/L)	8:07	0.067	9:46	0.069	11:22	0.081
Total Nitrogen (mg/L)	8:07	1.17	9:46	0.84	11:22	0.81

Notes:

Analyte (units)	Sample 7		Sample 8		Sample 9		Sample 10	
	12/13/2016		12/13/2016		12/13/2016		12/13/2016	
	Time	Results	Time	Results	Time	Results	Time	Results
<i>Escherichia coli</i> (MPN/100mL)	8:29	1,776	10:37	2,028	13:09	1,724	14:36	896
Total Suspended Solids (mg/L)	8:29	22.2	10:37	14.2	13:09	11	14:36	18.5
Total Phosphorus (mg/L)	8:29	0.087	10:37	0.096	13:09	0.077	14:36	0.069
Total Nitrogen (mg/L)	8:29	0.57	10:37	0.65	13:09	0.61	14:36	0.95

Notes: