

Station Name Cowpen Creek at Schuelke Rd

TCEQ Segment No. 1810
 TCEQ Station Id No. 20489
 Monitoring Type Targeted
 Latitude 29.980675 Longitude -97.711878

Parameter	Parameter Code	Date and 24 hour time									
		3/13/08	5/12/08	7/7/08	8/18/08	10/13/08	3/17/09	9/15/09	10/5/09	11/23/09	3/16/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Wet	Wet	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		1.80"	0.03"	0.67"	1.06"	0.42"	2.47"	4.19"	1.01"	1.43"	0.86"
Flow (cfs)	00061	<0.01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	9.3	0
E coli (organisms/100 mL)	31699	46100								270	160
pH	00400	7.35								7.6	7
Temperature (C)	00010	20.3								15.3	16.2
Dissolved Oxygen (mg/L)	00300	3.27								10	10
Conductivity (umhos/cm)	00094	415								262	314
Total Phosphorus (mg/L)	00665	0.39								0.28	0.06
Nitrate-N (mg/L)	00620	1.02								0.44	<0.05
Ammonia-N (mg/L)	00610	<0.01								0.5	<0.1

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time									
		5/18/10	7/13/10	9/8/10	10/20/10	4/18/11	6/21/11	10/11/11	11/14/11	1/23/12	1/31/12
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Dry	Dry	Dry	Dry	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		1.01"	1.64"	4.51"	0.00"	0.00"	0.00"	1.82"	0.01"	0.00"	6.52"
Flow (cfs)	00061	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	Flood
E coli (organisms/100 mL)	31699										2280
pH	00400										7.6
Temperature (C)	00010										14.8
Dissolved Oxygen (mg/L)	00300										8.7
Conductivity (umhos/cm)	00094										157
Total Phosphorus (mg/L)	00665										0.17
Nitrate-N (mg/L)	00620										0.46
Ammonia-N (mg/L)	00610										0.43
Total Suspended Solids	00530										62.3
TKN	00625										0.77

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Parameter	Parameter Code	Date and 24 hour time									
		3/14/12	4/25/12	6/18/12	7/16/12	10/2/12	11/14/12	1/15/13	2/19/13	4/3/13	7/2/2013
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Wet	Dry	Wet	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		2.12"	0.00"	0.18"	2.78"	1.97"	0.00"	1.92"	0.00"	3.02"	.55"
Flow (cfs)	00061	9.6	DRY	DRY	1.1	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699	3870			860						
pH	00400	7.4			7.8						
Temperature (C)	00010	21.9			28.5						
Dissolved Oxygen (mg/L)	00300	7.1			8.4						
Conductivity (umhos/cm)	00094	382			290						
Total Phosphorus (mg/L)	00665	0.23			0.14						
Nitrate-N (mg/L)	00620	0.46			2.32						
Ammonia-N (mg/L)	00610	0.55			0.59						
Total Suspended Solids	00530	88.3			29.4						
TKN	00625	1.57			1.56						

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		9/24/13	1/20/14	4/15/14	5/14/14	7/8/14	9/9/14	9/22/14	11/6/14	1/27/15	2/25/15
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Wet	Wet	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		3.0"	0.0"	0.0"	4.34"	0.69"	1.41"	4.37"	2.85"	3.26"	0.00"
Flow (cfs)	00061	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	5.80	0.0
E coli (organisms/100 mL)	31699									840	40.00
pH	00400									7.6	7.60
Temperature (C)	00010									13.5	11.3
Dissolved Oxygen (mg/L)	00300									9.2	6.9
Conductivity (umhos/cm)	00094									211	486
Total Phosphorus (mg/L)	00665									0.24	0.21
Nitrate-N (mg/L)	00620									0.53	<0.05
Ammonia-N (mg/L)	00610									0.26	<0.10
Total Suspended Solids	00530									60.3	50.5
TKN	00625									1.16	1.70

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Parameter	Parameter Code	Date and 24 hour time									
		4/21/15	6/16/15	8/10/15	10/29/15	12/15/15	2/3/16	3/15/16	5/25/16	7/28/16	10/27/16
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Wet	Wet	Dry	Wet	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		1"	0.69"	0.00"	7.41"	1.21"	0.00"	3.06"	2.75"	1.90"	0.02"
Flow (cfs)	00061	10	0.7	DRY	2.6	6.1	0.0	2.2	19.00	0.00	DRY
E coli (organisms/100 mL)	31699	980	710		2400	2900	50	>24000	400	320	
pH	00400	7.9	7.7		8.1	8.0	8.0	4.9	7.6	7.4	
Temperature (C)	00010	23.8	27.6		21.2	16.2	12.0	26.2	26.2	29.0	
Dissolved Oxygen (mg/L)	00300	8.3	5.8		9.6	9.4	9.9	8.1	5.3	6.9	
Conductivity (umhos/cm)	00094	258	281		320	318	430	419	259	239	
Total Phosphorus (mg/L)	00665	0.25	0.22		0.25	0.08	0.12	0.26	0.21	0.17	
Nitrate-N (mg/L)	00620	0.32	0.37		0.90	0.37	<0.05	0.47	<0.05	0.74	
Ammonia-N (mg/L)	00610	0.18	0.18		<0.10	<0.10	<0.10	0.1	<0.10	0.14	
Total Suspended Solids	00530	38.9	61.5		40.2	39.2	52	417	28.9	24.2	
TKN	00625	1.37	1.25		1.46	1.08	1.26	1.71	0.79	0.96	

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Parameter	Parameter Code	Date and 24 hour time									
		12/6/16	2/22/17	4/4/17	5/15/17	7/25/17	8/8/17	9/6/17	3/26/18	4/4/18	
Weather Conditions (Wet or Dry)		Wet	Wet	Wet	Dry	Dry	Wet	Dry	Dry	Dry	
Rainfall (Inches)* within last 7 days		3.02"	1.37"	2.08"	0.05"	0.00"	2.92"	0.00"	0.00"	0.00"	
Flow (cfs)	00061	20	14	0.8	DRY	DRY	0.00	60	0.10	24.00	
E coli (organisms/100 mL)	31699	9100	2300	840			290	170	>2400	>2400	
pH	00400	7.9	8.8	8.0			7.6	7.5	7.9	7.8	
Temperature (C)	00010	12.7	21.3	23.5			33.9	28.5	26	20.3	
Dissolved Oxygen (mg/L)	00300	10.6	10.5	7.4			6.2	6.6	9.7	9.4	
Conductivity (umhos/cm)	00094	324	324	397			963	254	429	258	
Total Phosphorus (mg/L)	00665	0.36	0.25	0.20			0.63	0.25	0.25	0.37	
Nitrate-N (mg/L)	00620	0.37	0.26	<0.05			3.27	<0.05	<0.05	0.37	
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.15			1.96	0.12	0.12	0.13	
Total Suspended Solids	00530	32.8	86.8	47.3			94.7	16.4	210	64.4	
TKN	00625	0.42	0.94	1.36			1.41	1.35	1.93	1.53	

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