

Station name Alligator Creek @ FM 1102
 TCEQ Segment No. 1804A
 TCEQ Station Id No. GB706
 Monitoring Type Targeted
 Latitude 29.767258 Longitude -98.075817

Parameter	Parameter Code	Date and 24 hour time										
		5/26/09	8/20/09	9/14/09	10/6/09	1/15/10	4/19/10	7/20/2010	10/18/12	12/11/12	3/25/13	5/13/13
Weather Conditions (Wet or Dry)		1017 Wet	850 Dry	930 Dry	1001 Wet	938	1531 Dry	1124 Dry	1311 Dry	1517 Dry	1408 Dry	1231 Dry
Flow (cfs)	00061	DRY	DRY	DRY	0	0.02	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699				990	340						
Suspended Solids (mg/L)	00530				6	15						
Turbidity (NTU)	82079				6.6	15.3						
pH	00400				7.3	7.6						
Temperature (C)	00010				24.4	12.1						
Dissolved Oxygen (mg/L)	00300				4.9	7.2						
Conductivity (umhos/cm)	00094				355	155						
Total Phosphorus (mg/L)	00665				0.57	0.36						
Nitrate-N (mg/L)	00620				0.24	0.53						
Chloride (mg/L)	00940				1.47	1.18						
Sulfate (mg/L)	00945				6.01	4						
Total Hardness (mg/L)	00900				185	149						
Ammonia-N (mg/L)	00610				0.14	<0.10						
Chlorophyll a (mg/m ³)	32211				<1.0	<1.0						
Pheophytin (mg/m ³)	32218				<1.0	<1.0						

Parameter	Parameter Code	Date and 24 hour time										
		6/12/13	9/18/13	9/23/13	9/30/13	12/9/13	3/17/14	5/14/14	7/21/14	9/10/14	11/5/14	12/8/14
Weather Conditions (Wet or Dry)		1421 Dry	1408 Dry	1308 Wet	1553 Wet	1556 Dry	1217 Dry	1518 Wet	1415 Dry	1622 Wet	1213 Wet	1310 Dry
Flow (cfs)	00061	DRY	DRY	DRY	0.0	DRY	DRY	<0.01	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699				6100			2000				
Suspended Solids (mg/L)	00530				10.0			17.7				
Turbidity (NTU)	82079				14.0			24.0				
pH	00400				6.9			8.0				
Temperature (C)	00010				32.4			20.7				
Dissolved Oxygen (mg/L)	00300				2.6			6.5				
Conductivity (umhos/cm)	00094				1280			209				
Total Phosphorus (mg/L)	00665				0.65			0.35				
Nitrate-N (mg/L)	00620				2.77			0.74				
Chloride (mg/L)	00940				2.37			6.14				
Sulfate (mg/L)	00945				9.78			16.9				
Total Hardness (mg/L)	00900				129			91.0				
Ammonia-N (mg/L)	00610				0.21			0.97				
Chlorophyll a (mg/m ³)	32211				<1.0			1.27				
Pheophytin (mg/m ³)	32218				<1.0			<1.0				
TKN	00625				0.99			2.16				

Parameter	Parameter Code	Date and 24 hour time										
		1/28/15	3/16/15	6/10/15	8/17/15	9/10/15	10/20/15	11/3/15	1/11/16	4/12/16	5/9/16	7/18/16
Weather Conditions (Wet or Dry)		1244 Wet	1335 Dry	1558 Dry	1101 Dry	1115 Wet	1238 Dry	1351 Wet	1323 Dry	1357 Dry	1416 Dry	1648 Dry
Flow (cfs)	00061	0.00	0.0	0.00	DRY	DRY	DRY	0.00	0.0	DRY	0.00	DRY
E coli (organisms/100 mL)	31699	60	10	10				1200	26		58	
Suspended Solids (mg/L)	00530	6.3	11.1	1.80				8.12	1.40		4.60	
Turbidity (NTU)	82079	9.1	2.8	1.8				8.8	1.9		1.8	
pH	00400	7.8	7.8	8.0				7.3	8.3		7.7	
Temperature (C)	00010	12.4	15.2	25.5				19.8	9.1		21.2	
Dissolved Oxygen (mg/L)	00300	10.0	10.2	6.9				1.9	12.4		7.9	
Conductivity (umhos/cm)	00094	376	618	377				259	658		419	
Total Phosphorus (mg/L)	00665	0.30	0.14	0.16				0.40	0.2		0.23	
Nitrate-N (mg/L)	00620	0.38	<0.05	<0.05				<0.05	0.26		<0.05	
Chloride (mg/L)	00940	8.12	15.8	10.4				3.13	25.2		10.7	
Sulfate (mg/L)	00945	17.00	32.0	5.96				6.98	61.1		9.48	
Total Hardness (mg/L)	00900	134	271	160				140	305		185	
Ammonia-N (mg/L)	00610	0.20	0.10	<0.10				<0.10	<0.10		<0.10	
Chlorophyll a (mg/m ³)	32211	19.6	2.67	<1.00				<1.00	2.22		2.31	
Pheophytin (mg/m ³)	32218	<1.0	1.84	<1.00				<1.00	<1.00		<1.0	
TKN	00625	0.84	1.14	1.04				1.61	1.35		1.14	

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		8/15/16	10/17/16	12/8/16	2/16/17	4/6/17	5/9/17	6/13/17	7/13/17	9/13/17	10/16/17	2/22/18
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Flow (cfs)	00061	10*	DRY	0.00	0.00	0.00	0.00	0.00	DRY	0.00	0.00	0.00
E coli (organisms/100 mL)	31699	2500		130	690	<10	10	14		1	8	1400
Suspended Solids (mg/L)	00530	3.30		2.10	2.10	1.50	3.60	5.60		1.20	7.60	3.47
Turbidity (NTU)	82079	7.6		3.9	3.2	1.7	2.5	2.4		1.0	3.6	4.8
pH	00400	7.6		7.9	7.9	7.7	8	7.8		8.2	7.9	7.3
Temperature (C)	00010	24.6		9.4	12.8	16.3	20.6	25.2		20.3	21.8	12.4
Dissolved Oxygen (mg/L)	00300	7.1		10.3	9.9	6.1	7.1	7.2		6.9	6.7	10.3
Conductivity (umhos/cm)	00094	195		298	347	387	347	290		268	290	620
Total Phosphorus (mg/L)	00665	0.34		0.19	0.19	0.13	0.13	0.14		0.12	0.14	0.11
Nitrate-N (mg/L)	00620	0.61		0.47	0.15	0.06	<0.05	<0.05		0.08	0.06	0.2
Chloride (mg/L)	00940	2.72		4.95	10.9	16.9	10.4	9.87		5.28	4.64	14.9
Sulfate (mg/L)	00945	9.19		11.8	24.5	22.0	7.23	14.40		5.57	14.6	44.3
Total Hardness (mg/L)	00900	81.6		135	98.5	148	146	115		120	134	174
Ammonia-N (mg/L)	00610	<.10		<0.10	<0.10	<0.10	<0.10	<0.10		<0.10	0.16	<0.10
Chlorophyll a (mg/m ³)	32211	1.93		1.45	22.8	<1.00	6.47	8.54		3.14	2.61	3.16
Pheophytin (mg/m ³)	32218	<1.0		<1.00	<1.00	<1.00	2.15	3.38		<1.00	<1.00	1.18
TKN	00625	0.89		0.65	0.99	1.18	1.15	1.34		0.89	1.06	1.21

* Estimate due to high flows

Parameter	Parameter Code	Date and 24 hour time	
		4/16/18	5/7/18
Weather Conditions (Wet or Dry)		Dry	Wet
Flow (cfs)	00061	0	0
E coli (organisms/100 mL)	31699	10	200
Suspended Solids (mg/L)	00530	6.4	2.4
Turbidity (NTU)	82079	4.2	2
pH	00400	8.2	8
Temperature (C)	00010	16.5	19.8
Dissolved Oxygen (mg/L)	00300	9.5	6.5
Conductivity (umhos/cm)	00094	339	257
Total Phosphorus (mg/L)	00665	0.25	0.35
Nitrate-N (mg/L)	00620	<0.05	0.14
Chloride (mg/L)	00940	6.14	6.84
Sulfate (mg/L)	00945	14	12.7
Total Hardness (mg/L)	00900	153	107
Ammonia-N (mg/L)	00610	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	<1.00	2.05
Pheophytin (mg/m ³)	32218	<1.00	<1.00
TKN	00625	0.83	1.15

* Estimate due to high flows

