

Data after March 2017 is preliminary and subject to change during data review and validation process

Station name Alligator Creek @ FM 1101

TCEQ Segment No. 1804A
 TCEQ Station Id No. GB707
 Monitoring Type Targeted
 Latitude 29.726450 Longitude -98.058403

Parameter	Parameter Code	Date and 24 hour time										
		5/26/09	8/20/09	9/14/09	10/6/09	1/15/10	4/19/13	7/20/2010	10/18/12	12/11/12	3/25/13	5/13/13
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet		Dry					
Flow (cfs)	00061	DRY	DRY	DRY	0.2	13.5	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699				120	3100						
Suspended Solids (mg/L)	00530				14	48						
Turbidity (NTU)	82079				19	49.7						
pH	00400				7.6	7.6						
Temperature (C)	00010				25.4	11.5						
Dissolved Oxygen (mg/L)	00300				4.9	10.1						
Conductivity (umhos/cm)	00094				245	221						
Total Phosphorus (mg/L)	00665				0.17	0.16						
Nitrate-N (mg/L)	00620				0.29	0.38						
Chloride (mg/L)	00940				3.27	13						
Sulfate (mg/L)	00945				6.19	20						
Total Hardness (mg/L)	00900				120	120						
Ammonia-N (mg/L)	00610				0.12	0.11						
Chlorophyll a (mg/m3)	32211				2	2.3						
Pheophytin (mg/m3)	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	12/9/14	3/17/14	5/14/14	7/21/14	9/10/14	11/5/14	12/8/14
Weather Conditions (Wet or Dry)		Dry							Dry	Wet	Wet	Dry
Flow (cfs)	00061	DRY	DRY	DRY	0.5	DRY	DRY	<0.1	DRY	DRY	0	DRY
E coli (organisms/100 mL)	31699				1400			1000			1300	
Suspended Solids (mg/L)	00530				22.3			2.60			8.25	
Turbidity (NTU)	82079				30.7			2.4			9.7	
pH	00400				7.6			7.7			7.4	
Temperature (C)	00010				25.7			22.2			17.1	
Dissolved Oxygen (mg/L)	00300				5.0			5.1			5.8	
Conductivity (umhos/cm)	00094				198			342			151	
Total Phosphorus (mg/L)	00665				0.20			0.23			0.16	
Nitrate-N (mg/L)	00620				0.59			0.06			<0.05	
Chloride (mg/L)	00940				2.52			29.5			1.57	
Sulfate (mg/L)	00945				4.33			29.8			6.25	
Total Hardness (mg/L)	00900				89.8			119			61.0	
Ammonia-N (mg/L)	00610				0.12			0.64			0.28	
Chlorophyll a (mg/m3)	32211				<1.0			5.45			<1.0	
Pheophytin (mg/m3)	32218				<1.0			<1.0			<1.0	
TKN	625				3.25			0.635				

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)		Wet	Dry	Dry	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Dry
Flow (cfs)	00061	0.0	0.0	0.00	0.00	DRY	DRY	0.00	0.00	0.00	0.00	DRY
E coli (organisms/100 mL)	31699	120	7	76	1000			120	12	14	10	
Suspended Solids (mg/L)	00530	15.8	6.00	2.70	5.60			11.2	6.40	6.50	11.1	
Turbidity (NTU)	82079	36.9	4.2	1.1	2.7			20.7	18.6	68.1	11.0	
pH	00400	7.9	8.1	8.0	7.5			7.6	8.2	7.5	7.9	
Temperature (C)	00010	12.0	16.6	26.4	27.3			19.9	9.4	20.1	20.7	
Dissolved Oxygen (mg/L)	00300	9.7	9.0	10.3	5.3			5.2	10.5	3.4	6.4	
Conductivity (umhos/cm)	00094	238	315	591	630			227	254	412	361	
Total Phosphorus (mg/L)	00665	0.27	0.03	0.04	0.03			0.19	0.07	0.15	0.05	
Nitrate-N (mg/L)	00620	0.41	<0.05	1.06	2.09			0.26	0.76	<0.05	0.28	
Chloride (mg/L)	00940	4.74	16.2	18.8	21.7			2.93	4.51	14.6	7.42	
Sulfate (mg/L)	00945	8.2	22.3	21.4	24.5			6.03	11.7	19.9	49.5	
Total Hardness (mg/L)	00900	103	121	292	295			103	110	180	111	
Ammonia-N (mg/L)	00610	0.11	<0.10	<0.10	<0.10			<0.10	<0.10	0.42	0.10	
Chlorophyll a (mg/m3)	32211	12.5	17.3	1.78	5.34			1.45	9.43	2.79	14.1	
Pheophytin (mg/m3)	32218	<1.0	<1.0	<1.00	<1.00			<1.00	<1.00	<1.00	2.14	
TKN	00625	0.72	1.01	0.35	<0.20			<0.20	0.84	1.70	1.10	

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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	52	DRY	0.00	DRY	0.00	0.00	DRY	DRY	DRY	0.00	0
E coli (organisms/100 mL)	31699	10000		10		85	15				520	310
Suspended Solids (mg/L)	00530	20.9		28.4		19.4	4.00				7.10	7.88
Turbidity (NTU)	82079	19.7		32.6		30.1	3.9				5.3	6.6
pH	00400	7.4		9.6		8.2	7.6				8.0	8.5
Temperature (C)	00010	25.3		9.9		17.6	19.5				18.7	9
Dissolved Oxygen (mg/L)	00300	5.0		10.8		9.5	6.0				6.5	11.9
Conductivity (umhos/cm)	00094	190		230		243	517				577	141
Total Phosphorus (mg/L)	00665	0.12		0.09		0.08	0.04				0.04	0.06
Nitrate-N (mg/L)	00620	0.13		0.90		0.28	0.34				0.39	0.29
Chloride (mg/L)	00940	6.66		9.44		4.87	29.8				35.0	3.4
Sulfate (mg/L)	00945	11.9		21.6		22.8	34.0				41.7	9.99
Total Hardness (mg/L)	00900	69.8		113		49.2	194				242	53.9
Ammonia-N (mg/L)	00610	<0.10		<0.10		0.26	0.12				0.17	0.11
Chlorophyll a (mg/m3)	32211	4.69		<1.00		2.94	7.33				<1.00	1.93
Pheophytin (mg/m3)	32218	<1.00		<1.00		<1.00	<1.00				<1.00	<1.00
TKN	00625	0.26		0.71		1.03	0.66				0.70	0.37