

Station Name Alligator Creek @ CR 107A Barbarossa Rd

TCEQ Segment No. 1804A
 TCEQ Station Id No. GB708
 Monitoring Type Targeted
 Latitude 29.694806 Longitude -98.003058

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	7/20/10	10/18/12	12/11/12	3/25/13	5/13/13
Flow (cfs)	00061	DRY	DRY	DRY	0	9.5	0	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699				250	17000	790					
Suspended Solids (mg/L)	00530				20.3	136	97					
Turbidity (NTU)	82079				27	326	190					
pH	00400				7.6	7.9	7.8					
Temperature (C)	00010				26.4	11.6	23.9					
Dissolved Oxygen (mg/L)	00300				5.3	9.3	7.6					
Conductivity (umhos/cm)	00094				244	188	208					
Total Phosphorus (mg/L)	00665				0.24	0.63	0.64					
Nitrate-N (mg/L)	00620				0.27	1.22	0.36					
Chloride (mg/L)	00940				4.32	9.24	1.72					
Sulfate (mg/L)	00945				7.39	9.19	3.13					
Total Hardness (mg/L)	00900				116	126	128					
Ammonia-N (mg/L)	00610				0.12	<1.0	<0.10					
Chlorophyll a (mg/m3)	32211				<1.0	<1.0	7.6					
Pheophytin (mg/m3)	32218				<1.0	<1.0	<1.0					

Parameter	Parameter Code	Date and 24 hour time										
		6/12/13	9/18/13	9/23/13	9/30/13	3/17/14	5/14/14	7/21/14	9/10/14	11/5/14	12/8/14	1/28/15
Flow (cfs)	00061	DRY	DRY	DRY	2.1	DRY	<0.1	DRY	DRY	DRY	DRY	0.00
E coli (organisms/100 mL)	31699				1200		3700					30
Suspended Solids (mg/L)	00530				32.8		110					14.9
Turbidity (NTU)	82079				54.1		149					26.0
pH	00400				7.4		7.8					7.6
Temperature (C)	00010				23.7		21.1					11.7
Dissolved Oxygen (mg/L)	00300				5.9		7.6					6.4
Conductivity (umhos/cm)	00094				184		232					231
Total Phosphorus (mg/L)	00665				0.26		0.33					0.33
Nitrate-N (mg/L)	00620				0.51		2.74					<0.05
Chloride (mg/L)	00940				2.02		8.67					6.96
Sulfate (mg/L)	00945				2.70		5.68					9.65
Total Hardness (mg/L)	00900				83.8		107					121
Ammonia-N (mg/L)	00610				0.30		0.26					0.21
Chlorophyll a (mg/m3)	32211				<1.0		19.3					0.00
Pheophytin (mg/m3)	32218				<1.0		2.24					<1.0
TKN	00625				<0.20		1.60					0.64

Parameter	Parameter Code	Date and 24 hour time										
		3/16/15	6/10/15	8/17/15	9/10/15	10/20/15	11/03/15	01/11/16	04/12/16	05/09/16	07/18/16	08/15/16
Flow (cfs)	00061	0.0	DRY	DRY	DRY	DRY	0	DRY	DRY	DRY	DRY	0.00
E coli (organisms/100 mL)	31699	20					45					940
Suspended Solids (mg/L)	00530	3.70					12.8					54.6
Turbidity (NTU)	82079	4.5					23.6					50.9
pH	00400	7.5					7.5					7.9
Temperature (C)	00010	19.2					20.3					25.8
Dissolved Oxygen (mg/L)	00300	2.9					4.5					7.9
Conductivity (umhos/cm)	00094	275					230					131
Total Phosphorus (mg/L)	00665	0.09					0.18					0.17
Nitrate-N (mg/L)	00620	<0.05					<0.05					0.42
Chloride (mg/L)	00940	6.77					2.93					1.64
Sulfate (mg/L)	00945	9.83					6.04					5.47
Total Hardness (mg/L)	00900	117					106					55.2
Ammonia-N (mg/L)	00610	0.13					<0.10					<0.10
Chlorophyll a (mg/m3)	32211	4.12					3.03					5.82
Pheophytin (mg/m3)	32218	<1.0					<1.00					<1.0
TKN	00625	1.57					0.82					0.80

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Parameter	Parameter Code	Date and 24 hour time			
		10/17/16	12/8/16	5/9/17	6/13/17
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry
Flow (cfs)	00061	DRY	0.00	0.5	0.00
E coli (organisms/100 mL)	31699		220	4	3
Suspended Solids (mg/L)	00530		15.8	9.40	18.8
Turbidity (NTU)	82079		22.1	14.5	16.5
pH	00400		7.6	7.8	7.7
Temperature (C)	00010		10.4	22.4	30.8
Dissolved Oxygen (mg/L)	00300		10.1	5.9	9.8
Conductivity (umhos/cm)	00094		242	318	290
Total Phosphorus (mg/L)	00665		0.25	0.07	0.06
Nitrate-N (mg/L)	00620		0.90	<0.05	<0.05
Chloride (mg/L)	00940		<1.00	7.54	9.28
Sulfate (mg/L)	00945		<1.00	4.92	3.67
Total Hardness (mg/L)	00900		97.6	139	107
Ammonia-N (mg/L)	00610		<0.10	<0.10	<0.10
Chlorophyll a (mg/m3)	32211		<1.00	3.59	18.6
Pheophytin (mg/m3)	32218		<1.00	<1.00	<1.00
TKN	00625		0.64	0.69	1.32
