

Station name Baer Creek @ East Walnut Street  
 TCEQ Segment No. 1804A  
 TCEQ Station Id No. 20744 GB702  
 Monitoring Type Routine  
 Latitude 29.576142 Longitude -97.926789

Parameter	Parameter Code	Date and 24 hour time										
		9/24/08	11/25/08	12/15/08	1/27/09	2/24/09	3/31/09	4/29/09	5/26/09	6/29/09	7/20/09	8/10/09
Season		Fall	Fall	Winter	Winter	Winter	Spring	Spring	Spring	Summer	Summer	Summer
Weather Conditions									Wet	Dry	Dry	Dry
Flow (cfs)	00061	0	DRY	DRY	DRY	DRY	DRY	DRY	0	DRY	DRY	DRY
E coli (organisms/100 mL)	31699	6							15			
Suspended Solids (mg/L)	00530	1.7							7			
Turbidity (NTU)	82079	<0.50							7.94			
pH	00400	7.5							7.4			
Temperature (C)	00010	22.6							21.5			
Dissolved Oxygen (mg/L)	00300	2.9							0.9			
Conductivity (umhos/cm)	00094	703							1020			
Total Phosphorus (mg/L)	00665	0.09							0.55			
Nitrate-N (mg/L)	00620	<0.05							0.12			
Chloride (mg/L)	00940	30.1							49.8			
Sulfate (mg/L)	00945	40.3							54.5			
Total Hardness (mg/L)	00900	199							365			
Ammonia-N (mg/L)	00610	0.15							0.36			
Chlorophyll a (mg/m <sup>3</sup> )	32211	6.8							<1.0			
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0							7.3			

Parameter	Parameter Code	Date and 24 hour time									
		9/14/09	10/6/09	11/11/09	12/8/09	1/15/10	2/8/10	3/8/10	3/11/10	4/19/10	5/17/10
Season		Fall	Fall	Fall	Winter					Wet	
Weather Conditions		Wet	Dry	Wet	Wet						
Flow (cfs)	00061	0	0	0	0.09	41	0.07	<0.01		0.2	2.3
E coli (organisms/100 mL)	31699	490	410	37	330	8200	640		650	1660	660
Suspended Solids (mg/L)	00530	14	12.3	4.4	12	149	6.3	1.3		9.7	10.3
Turbidity (NTU)	82079	7.4	18.7	1.8	11	93.2	24.8	1.4		10.6	16.3
pH	00400	7.4	7.3	7.4	7.6	8.3	7.7	7.9		7.9	7.7
Temperature (C)	00010	23.6	24	17.8	9.7	11.4	13.9	16		18.6	23.4
Dissolved Oxygen (mg/L)	00300	1.7	3.2	3.2	10.5	10.1	9.8	9.6		12.1	6.3
Conductivity (umhos/cm)	00094	394	326	540	411	158	496	1020		370	223
Total Phosphorus (mg/L)	00665	0.16	0.17	0.12	0.1	0.3	0.12	<0.05		0.09	0.13
Nitrate-N (mg/L)	00620	<0.05	0.11	0.12	8.36	0.24	0.41	0.31		0.1	0.24
Chloride (mg/L)	00940	5.86	7.57	23	20.5	4.66	39.5	100		19.2	5.43
Sulfate (mg/L)	00945	67.8	26.9	48.2	43.8	6.55	60.7	129		28.2	8.18
Total Hardness (mg/L)	00900	148	121	209	172	112	173	314		142	114
Ammonia-N (mg/L)	00610	0.43	0.11	<0.10	<0.10	0.11	<0.10	0.12		0.12	0.12
Chlorophyll a (mg/m <sup>3</sup> )	32211	7.1	7.8	2.6	<1	17.8	1.3	1.3		3	2.6
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	<1.0	<1.0	<1	6.1	<1.0	<1.0		<1.0	<1.0

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		6/17/10	7/20/10	8/9/10	10/18/12	12/11/12	3/25/13	5/13/13	6/12/13	9/18/13	9/23/13	12/9/13
Weather Conditions						Dry	Dry			Dry	Wet	Wet
Flow (cfs)	00061	<0.01	0	0	0.0	DRY	0.0	0.0	0.0	DRY	0	0.00
E coli (organisms/100 mL)	31699	61	26	71	4		12	24	95		170	34
Suspended Solids (mg/L)	00530	4.7	4	11.3	2.20		3.60	5.50	4.60		6.20	2.80
Turbidity (NTU)	82079	4.4	4.4	8	1.5		1.3	3.60			3.4	1.6
pH	00400	7.7	7.6	7.8	7.8		7.7	7.4	7.3		7.5	7.7
Temperature (C)	00010	27.1	28.3	27	20.9		13.4	20.3	24.3		20.9	7.5
Dissolved Oxygen (mg/L)	00300	4.4	10.7	7.2	2.4		3.0	5.6	1.1		2.0	5.3
Conductivity (umhos/cm)	00094	550	442	442	447		1620	392	530		391	594
Total Phosphorus (mg/L)	00665	0.1	0.08	0.09	0.15		0.11	0.13	0.22		0.17	0.11
Nitrate-N (mg/L)	00620	0.14	<0.05	<0.05	0.14		0.14	0.08	0.16		0.09	0.28
Chloride (mg/L)	00940	30.5	13.6	18.3	10.8		148	64.7	19.1		5.66	42.1
Sulfate (mg/L)	00945	57.7	22.8	26.8	11.8		272	83.8	18.3		41.7	29.0
Total Hardness (mg/L)	00900	218	169	173	191		478	241	190		164	228
Ammonia-N (mg/L)	00610	0.16	0.12	0.17	0.20		0.23	0.23	0.41		0.40	<0.10
Chlorophyll a (mg/m <sup>3</sup> )	32211	1.2	<1.0	<1.0	<1.00		<1.0	11.9	12.0		2.20	1.01
Pheophytin (mg/m <sup>3</sup> )	32218	1.1	<1.0	1.1	3.45		<1.0	1.84	3.14		<1.0	<1.0
TKN	00625				0.74		0.46	0.98	1.12		1.06	0.42

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		3/17/14	5/14/14	7/21/14	9/10/14	11/5/14	11/6/14	12/8/14	1/28/15	3/16/15	6/10/15	8/17/15
Weather Conditions		Dry	Wet	Dry	Wet	Wet	Wet	Dry	Wet	Dry	Dry	Dry
Flow (cfs)	00061	0.0	<0.01	DRY	DRY	DRY	0.00	0.0	<0.01	<0.01	<0.01	DRY
E coli (organisms/100 mL)	31699	280	12000				>2400	59	0.04	180	440	
Suspended Solids (mg/L)	00530	4.20	19.4				11.5	4.40	3.63	4.30	7.80	
Turbidity (NTU)	82079	1.4	11.5				12.9	3.5	3.7	3.8	4.8	
pH	00400	7.6	7.8				7.8	7.2	7.6	7.7	7.6	
Temperature (C)	00010	12.3	17.5				16.0	14.0	10.4	15.2	25.7	
Dissolved Oxygen (mg/L)	00300	5.1	7.2				6.6	3.0	9.8	5.8	4.8	
Conductivity (umhos/cm)	00094	1130	360				173	609	388	470	916	
Total Phosphorus (mg/L)	00665	0.06	0.26				0.08	0.34	0.07	0.10	0.08	
Nitrate-N (mg/L)	00620	0.17	0.32				0.11	<0.05	0.11	<0.05	0.17	
Chloride (mg/L)	00940	130	23.6				4.13	7.48	19.9	3.7	82.3	
Sulfate (mg/L)	00945	142	40.5				10.1	10.2	22.6	35.5	112	
Total Hardness (mg/L)	00900	372	118				80.4	289	163	167	345	
Ammonia-N (mg/L)	00610	0.22	0.34				0.25	0.38	0.15	<0.10	<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	---	6.35				<1.0	<1.0	8.28	9.7	1.19	
Pheophytin (mg/m <sup>3</sup> )	32218	---	<1.0				<1.0	<1.0	<1.0	<1.0	1.51	
TKN	00625	0.635	1.38				0.77	1.23	0.48	0.94	1.65	

Parameter	Parameter Code	Date and 24 hour time										
		9/10/15	10/20/15	11/3/15	1/11/16	4/12/16	5/9/16	7/18/16	8/15/16	10/17/16	12/8/16	2/16/17
Weather Conditions		Wet	Dry	Wet	Dry	Wet	Dry	Dry	Dry	Dry	Wet	Wet
Flow (cfs)	00061	DRY	DRY	0.1	0.03	0.00	0.00	0.00	0.04	0.01	0.60	0.30
E coli (organisms/100 mL)	31699			410	550	36	160	38	2300	42	120	870
Suspended Solids (mg/L)	00530			6.60	0.70	1.90	1.40	11.7	5.9	-	6.80	2.10
Turbidity (NTU)	82079			7.0	0.9	4.4	2.5	7.2	6.6	1.7	13.6	2.5
pH	00400			7.8	7.8	7.3	7.5	7.5	7.5	7.2	7.2	8.6
Temperature (C)	00010			19.0	7.6	19.2	20.3	27.8	24.4	22.7	11.4	13.2
Dissolved Oxygen (mg/L)	00300			6.3	9.3	3.7	5.2	3.8	5.6	2.6	9.8	8.6
Conductivity (umhos/cm)	00094			303	914	1510	976	727	821	1090	457	1010
Total Phosphorus (mg/L)	00665			0.14	0.05	0.10	0.09	0.13	0.09	0.1	0.24	0.05
Nitrate-N (mg/L)	00620			0.29	0.09	0.31	0.13	<0.05	0.17	<0.05	1.72	0.58
Chloride (mg/L)	00940			14.1	72.8	126	74.1	43.1	55.8	74.2	35.3	86.5
Sulfate (mg/L)	00945			18.0	121	244	114	33.8	105	240	51.2	91.2
Total Hardness (mg/L)	00900			108	295	453	305	220	253	360	147	226
Ammonia-N (mg/L)	00610			<0.10	<0.10	0.10	0.10	0.22	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m <sup>3</sup> )	32211			5.46	1.13	4.72	3.26	3.68	2.05	<1.00	3.71	8.42
Pheophytin (mg/m <sup>3</sup> )	32218			1.25	<1.00	<1.00	<1.00	2.05	<1.00	<1.00	<1.00	1.96
TKN	00625			1.25	0.68	0.70	0.57	0.92	0.51	0.44	<0.20	0.76

Parameter	Parameter Code	Date and 24 hour time	
		4/6/17	5/9/17
Weather Conditions		Dry	Dry
Flow (cfs)	00061	0.10	0.05
E coli (organisms/100 mL)	31699	150	250
Suspended Solids (mg/L)	00530	8.90	1.40
Turbidity (NTU)	82079	4.5	1.1
pH	00400	7.4	7.4
Temperature (C)	00010	16.1	19.7
Dissolved Oxygen (mg/L)	00300	5.20	8.5
Conductivity (umhos/cm)	00094	1100	1260
Total Phosphorus (mg/L)	00665	0.09	0.04
Nitrate-N (mg/L)	00620	0.89	1.76
Chloride (mg/L)	00940	99.4	118
Sulfate (mg/L)	00945	128	168
Total Hardness (mg/L)	00900	334	386
Ammonia-N (mg/L)	00610	0.14	<0.10
Chlorophyll a (mg/m <sup>3</sup> )	32211	4.21	2.52
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00
TKN	00625	1.24	0.74