

Station Name Water Well near Geronimo Creek @ Laubach Rd

TCEQ Segment No. 1804A
 TCEQ Station Id No. GB714
 Monitoring Type Well
 Latitude 29.627383 Longitude -97.949522

The coordinates associated with this site description were changed in November of 2009

The previous data associated with this site description was unrepresentative, because the water spicket sampled received treated water

The new well location is a handdug well approximately 25 feet deep and is sampled by lowering a bucket into the well shaft

Parameter	Parameter Code	Date and 24 hour time										
		5/26/09	11/11/09	2/25/10	5/17/10	7/20/10	11/27/12	1/2/13	3/25/13	9/18/13	2/3/14	5/6/14
Season			Fall	Dry	Wet	Dry						
Weather Conditions			Wet								Dry	Dry
E coli (organisms/100 mL)	31699	<1	4	<1	30	1	<1	<1	330	11	<1	210
Suspended Solids (mg/L)	00530	<1.0	23.7	9	10.3	47.3	4.00	4.00	9.40	26.1	4.20	16.3
Turbidity (NTU)	82079	<0.50	5.6	2.5	4.7	35.7	1.3	0.2	1.1	14.6	1.0	12.5
pH	00400	7.8	7.1	7.3	7.3	7	7.7	7.4	7.4	7.0	7.4	
Temperature (C)	00010	24.4	21.8	19.7	21.7	22.1	21.5	20.1	18.4	22.8	16.8	21.9
Dissolved Oxygen (mg/L)	00300	8.9	9.7	9.2	7.8	10.1	7.6	8.1	7.6	7.1	8.5	7.4
Conductivity (umhos/cm)	00094	531	833	812	808	801	816	804	809	817	823	788
Total Phosphorus (mg/L)	00665	<0.05	<0.05	<0.05	<0.05	0.05	<0.02	0.02	0.02	0.02	0.02	<0.02
Nitrate-N (mg/L)	00620	0.95	18.7	17.8	17.3	13.6	18.6	17.0	18.5	19.7	18.2	19.4
Chloride (mg/L)	00940	30	17	16.4	14	16.5	17.7	17.2	17.6	19.9	20.3	21.2
Sulfate (mg/L)	00945	33.3	56.3	58.9	53.7	57.9	53.0	51.7	52.5	53.5	50.7	53.8
Total Hardness (mg/L)	00900	248	379	332	311	361	305	339	298	284	282	279
Ammonia-N (mg/L)	00610	0.6	0.1	<0.10	0.1	0.18	0.14	0.12	0.20	0.15	<0.10	0.77
Chlorophyll a (mg/m ³)	32211	<1.0	1	<1.0	<1.0	<1.0	<1.00	<1.00	<1.0	<1.0	<1.0	<1.0
Pheophytin (mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00	<1.00	1.25	<1.0	<1.0	<1.0
TKN	00625						<0.20	<0.20	<0.20	<0.20		<0.200
Selenium Tot				5.72								
Arsenic Diss				2.23								
Cadmium, Dissolved				<1.00								
Copper, Dissolved				2.27								
Lead, Dissolved				<1.00								
Nickel, Dissolved				1.12								
Silver, Dissolved				<1.00								
Zinc, Dissolved				8.82								
Aluminum, Dissolved				15.8								
Chromium, Dissolved				1.43								
Mercury, Total				<0.150								

Parameter	Parameter Code	Date and 24 hour time										
		7/21/14	11/5/14	1/28/15	3/16/15	7/6/15	10/27/15	1/11/16	4/12/16	7/18/16	10/17/16	2/16/17
Weather Conditions		Dry	Wet	Wet	Dry	Dry	Dry	Dry	Wet	Dry	Dry	Wet
E coli (organisms/100 mL)	31699	4	<10	<10	1	<1	<1	<1	5	<1	<1	<1
Suspended Solids (mg/L)	00530	2.30	37.5	10.80	2.40	3.90	0.70	2.00	<0.50	3.70	-	0.50
Turbidity (NTU)	82079	2.0	32.9	3.4	1.6	2.4	<0.5	0.7	0.6	2.4	0.9	<0.5
pH	00400	6.9	7.2	7.1	7.4	7.2	7.0	7.5	7.2	7.2	6.9	7.0
Temperature (C)	00010	24.3	20.3	18.6	19.7	22.2	22.2	18.2	21.4	24.8	23.4	20.4
Dissolved Oxygen (mg/L)	00300	3.1	7.7	8.0	7.8	6.8	5.8	7.7	6.5	7.9	5.7	6.9
Conductivity (umhos/cm)	00094	820	771	797	796	778	787	753	769	788	752	782
Total Phosphorus (mg/L)	00665	<0.02	0.02	<0.02	<0.02	0.02	<0.02	<0.02	0.02	0.02	<0.02	0.02
Nitrate-N (mg/L)	00620	18.3	17.3	19.2	18.3	16.0	13.6	15.0	20.3	20.7	14.9	16.9
Chloride (mg/L)	00940	20.2	20.2	22	19.8	18.9	17.3	17.2	15.9	16.6	15.4	13.4
Sulfate (mg/L)	00945	52.0	52.6	53.7	51.2	53.4	50.4	51.7	48.6	48.9	46.9	41.4
Total Hardness (mg/L)	00900	304	324	328	310	299	272	277	289	294	295	388
Ammonia-N (mg/L)	00610	0.17	0.20	0.15	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	<1.0	<1.0	<1.0	1.34	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	
Pheophytin (mg/m ³)	32218	6.65	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.0	<1.00	
TKN	00625	<0.20	<0.20	0.24	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

Parameter	Parameter Code	Date and 24 hour time
		4/6/17
Weather Conditions		Dry
E coli (organisms/100 mL)	31699	1
Suspended Solids (mg/L)	00530	1.60
Turbidity (NTU)	82079	1.2
pH	00400	7.0
Temperature (C)	00010	21.6
Dissolved Oxygen (mg/L)	00300	6.2
Conductivity (umhos/cm)	00094	764
Total Phosphorus (mg/L)	00665	<0.02
Nitrate-N (mg/L)	00620	16.5
Chloride (mg/L)	00940	14.6
Sulfate (mg/L)	00945	40.4
Total Hardness (mg/L)	00900	290
Ammonia-N (mg/L)	00610	0.16
Chlorophyll a (mg/m ³)	32211	<1.00
Pheophytin (mg/m ³)	32218	<1.00
TKN	00625	<0.20