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 aproximately 25 feet deep and is sampled by lowering a bucket into the well shaft

		Date and 24 hour time										
	Parameter	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
Parameter	Code	1303	1226	1420	1036	1351	1136	1215	1203	1215	1458	1036
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								

		Date and 24 hour time										
	Parameter	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
Parameter	Code	1227	1419	1044	1117	906	1020	1051	1133	1410	1104	1244
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	<1	5	<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

		Date and 24 hour time					
	Parameter	4/6/17	6/13/17	9/13/17	2/22/18	4/1/6/18	7/5/18
Parameter	Code	1120	1101	1101	1047	1100	1245
Weather Conditions		Dry	Dry	Dry	Dry	Dry	Dry
E coli (organisms/100 mL)	31699	1	2	<1	6	4	46
Suspended Solids (mg/L)	00530	1.60	7.60	1.40	3.10	1.00	0.60
Turbidity (NTU)	82079	1.2	2.4	<0.5	1.9	2.8	1.2
pH	00400	7.0	7.1	7.2	7.1	7.3	6.9
Temperature (C)	00010	21.6	24.5	23.7	25.7	26.6	29.2
Dissolved Oxygen (mg/L)	00300	6.2	5.6	6.5	5.7	5.6	5.2
Conductivity (umhos/cm)	00094	764	763	749	766	772	747
Total Phosphorus (mg/L)	00665	<0.02	<0.02	<0.02	0.02	0.02	0.02
Nitrate-N (mg/L)	00620	16.5	13.7	16.9	17.3	16.5	17.8
Chloride (mg/L)	00940	14.6	17.5	15.3	14.6	15.4	15.5
Sulfate (mg/L)	00945	40.4	52.4	46.4	44.1	49.2	46.8
Total Hardness (mg/L)	00900	290	298	293	298	298	297
Ammonia-N (mg/L)	00610	0.16	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m^3)	32211	<1.00		<1.00			
Pheophytin (mg/m^3)	32218	<1.00		<1.00			
TKN	00625	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20