Station Name Geronimo Creek @ Huber Rd, Upstream of Alligator Creek Confluence

TCEQ Segment No. 1804A
TCEQ Station Id No. 20742 GB700
Monitoring Type Routine
Latitude 29.671272 Longitude -97.990778

		Date and 24 hour time										
Parameter	Parameter Code	9/24/08 1350	11/25/08 1231	12/15/08 1154	1/27/09 1205	2/24/09 1647	3/31/09 1307	4/29/09 1235	5/26/09 1235	6/29/09 1211	7/20/09 1016	8/10/09 1212
Season		Fall	Fall	Winter	Winter	Winter	Spring	Spring	Spring	Summer	Summer	Summer
Weather Conditions									Wet	Dry	Dry	Dry
Flow (cfs)	00061	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699											
Suspended Solids (mg/L)	00530											
Turbidity (NTU)	82079											
pH	00400											
Temperature (C)	00010											
Dissolved Oxygen (mg/L)	00300											
Conductivity (umhos/cm)	00094											
Total Phosphorus (mg/L)	00665											
Nitrate-N (mg/L)	00620											
Chloride (mg/L)	00940											
Sulfate (mg/L)	00945											
Total Hardness (mg/L)	00900											
Ammonia-N (mg/L)	00610											
Chlorophyll a (mg/m^3)	32211											
Pheophytin (mg/m^3)	32218											

		Date and 24 hour time									
Parameter	Parameter Code	9/14/09 957	10/6/09 1053	11/11/09 1322	12/8/09 1428	1/15/10 1113	2/8/10 1556	3/8/10 1412	3/11/10 1145	4/19/10	5/17/10 1138	6/17/10 1619
Season		Fall	Fall	Fall	Winter						Wet	
Weather Conditions		Wet	Wet	Wet	Wet							
Flow (cfs)	00061	DRY	0	DRY	0	0.7	0	0		<0.01	<0.01	0
E coli (organisms/100 mL)	31699		510		190	4100	1480		70	2910	310	3
Suspended Solids (mg/L)	00530		124		15.1	19.5	194	13		112	11	8
Turbidity (NTU)	82079		188		19.2	35.3	200	19.5		228	26	8.8
pH	00400		7.8		7.9	7.7	8.2	8.1		8	7.8	8.8
Temperature (C)	00010		25.3		10.9	11.7	15.7	17.8		20	26	34.9
Dissolved Oxygen (mg/L)	00300		5.9		12.8	9.3	10.5	9.8		10.2	6.1	8.7
Conductivity (umhos/cm)	00094		158		397	213	275	201		219	248	220
Total Phosphorus (mg/L)	00665		0.44		0.21	0.6	0.39	0.07		0.44	0.4	0.21
Nitrate-N (mg/L)	00620		0.93		0.8	0.48	2.08	<0.05		2.49	0.75	<0.05
Chloride (mg/L)	00940		1.3		15.1	8.32	2.5	1.47		1.8	1.51	1.62
Sulfate (mg/L)	00945		2.92		19.2	8.35	4.72	1.87		3.47	2.91	2.07
Total Hardness (mg/L)	00900		82.3		195	78.2	130	88.2		124	120	128
Ammonia-N (mg/L)	00610		0.1		0.11	<0.10	0.1	<0.10		0.15	0.22	0.12
Chlorophyll a (mg/m^3)	32211		<1.0		<1	3.6	3.7	1.4		2.2	1.8	2
Pheophytin (mg/m^3)	32218		<1.0		<1	<1.0	<1.0	<1.0		<1.0	<1.0	2.6

		Date and 24 hour time										
Parameter	Parameter Code	7/20/10 1145	8/9/10 950	9/24/12 1324	11/27/12 1415	12/11/12 1452	1/2/13 1419	3/25/13 1327	4/16/13 1409	5/13/13 1209	6/12/13 1352	7/24/13 1209
Weather Conditions						Dry		Dry		Dry	Dry	Dry
Flow (cfs)	00061	0	0	0.0	0.0	DRY	<0.01	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699	23	650	53	770		6					
Suspended Solids (mg/L)	00530	54.5	79	5.56	358		24.0					
Turbidity (NTU)	82079	112	371	4.3	352		16.3					
pH	00400	7.7	7.8	7.9	8.2		7.6					
Temperature (C)	00010	29.8	27.4	28.5	17.8		8.4					
Dissolved Oxygen (mg/L)	00300	3.6	4.3	2.6	8.2		8.9					
Conductivity (umhos/cm)	00094	181	179	295	346		585					
Total Phosphorus (mg/L)	00665	0.19	0.39	0.62	0.52		0.10					
Nitrate-N (mg/L)	00620	<0.05	<0.05	0.11	0.07		0.20					
Chloride (mg/L)	00940	4.21	4.16	6.64	13.8		12.4					
Sulfate (mg/L)	00945	3.79	3.53	3.90	5.92		11.0					
Total Hardness (mg/L)	00900	82.5	120	134	225		268					
Ammonia-N (mg/L)	00610	<0.10	0.18	0.17	0.31		<0.10					
Chlorophyll a (mg/m^3)	32211	1.9	15	5.28	27.8		<1.00					
Pheophytin (mg/m^3)	32218	2.8	18.1	1.49	322		11.2					
TKN	00625			1.40	3.29		0.54					

Station Name Geronimo Creek @ Huber Rd, Upstream of Alligator Creek Confluence

TCEQ Segment No. 1804A
TCEQ Station Id No. 20742 GB700
Monitoring Type Routine
Latitude 29.671272 Longitude -97.990778

		Date and 24 hour time										
	Parameter	8/6/13	9/18/13	9/23/13	9/30/13	10/9/13	11/11/13	12/9/13	2/3/14	5/6/14	5/14/14	6/11/14
Parameter	Code	1117	1335	1248	1500	1131	1117	1533	1618	1148	1429	1327
Weather Conditions		Dry	Dry	Wet	Wet	Wet	Dry	Wet	Dry	Dry	Wet	Dry
Flow (cfs)	00061	DRY	DRY	DRY	0.7	0.0	0.00	0.00	0	DRY	<0.1	DRY
E coli (organisms/100 mL)	31699				310	56	72	19	27		3800	
Suspended Solids (mg/L)	00530				60.2	14.5	13.6	16.5	1.00		43.5	
Turbidity (NTU)	82079				64.8	7.9	17.2	23.9	1.6		57.4	
pH	00400				7.3	7.7	7.7	8.2	7.8		7.9	
Temperature (C)	00010				32.8	21.9	17.6	7.8	9.1		16.2	
Dissolved Oxygen (mg/L)	00300				3.1	4.1	5.1	12.1	9.1		6.4	
Conductivity (umhos/cm)	00094				243	312	290	307	493		223	
Total Phosphorus (mg/L)	00665				0.33	0.37	0.32	0.18	0.02		0.04	
Nitrate-N (mg/L)	00620				0.20	0.14	0.11	0.08	0.25		0.45	
Chloride (mg/L)	00940				3.01	3.98	5.30	5.52	9.88		2.29	
Sulfate (mg/L)	00945				2.11	2.44	4.38	3.93	20.6		3.65	
Total Hardness (mg/L)	00900				105	144	132	145	239		106	
Ammonia-N (mg/L)	00610				0.15	<0.10	<0.10	<0.10	<0.10		2.00	
Chlorophyll a (mg/m^3)	32211				<1.0	4.22	5.28	6.14	1.00		8.06	
Pheophytin (mg/m^3)	32218				<1.0	3.78	1.53	2.58	<1.0		<1.0	
TKN	00625				1.30	0.89	0.81	1.33			0.936	

		Date and 24 hour time										
	Parameter	11/5/14	12/8/14	1/14/15	1/28/15	2/10/15	3/16/15	4/13/15	5/19/15	6/10/15	7/7/15	8/17/15
Parameter	Code	1248	1248	1112	1240	1240	1250	1435	1305	1530	1343	1152
Weather Conditions		Wet	Dry	Dry	Wet	Wet	Dry	Dry	Wet	Dry	Dry	Dry
Flow (cfs)	00061	DRY	DRY	DRY	0.00	DRY	0.0	0.00	0.0	0.00	0.00	0
E coli (organisms/100 mL)	31699				50		20	24000	280	13	20	6
Suspended Solids (mg/L)	00530				50.8		7.00	400	13.7	16.4	32.0	167
Turbidity (NTU)	82079				66.1		15.5	305	27.6	19.6	63.7	622
pH	00400				7.3		7.7	7.8	7.7	7.6	8.8	8.6
Temperature (C)	00010				10.8		17.9	23.1	28.6	28.4	29.0	32.7
Dissolved Oxygen (mg/L)	00300				2.1		6.2	4.8	6.1	4.8	9.4	9.2
Conductivity (umhos/cm)	00094				309		367	177	225	386	191	284
Total Phosphorus (mg/L)	00665				0.54		0.78	0.64	0.41	0.32	0.12	0.46
Nitrate-N (mg/L)	00620				16.8		<0.05	0.30	0.15	0.17	11.9	<0.05
Chloride (mg/L)	00940				3.04		5.02	2.91	2.71	1.89	3.22	7.40
Sulfate (mg/L)	00945				3.04		3.14	2.86	1.77	<1.00	2.28	2.31
Total Hardness (mg/L)	00900				181		185	104	148	184	128	190
Ammonia-N (mg/L)	00610				0.18		0.14	<0.10	<0.10	<0.10	<0.10	0.30
Chlorophyll a (mg/m^3)	32211				3.4		2.4	10.3	<1.0	5.34	42.7	28.5
Pheophytin (mg/m^3)	32218				<1.0		<1.0	1.40	<1.0	1.51	11.5	3.92
TKN	00625				1.15		1.75	1.370	0.87	1.14	1.55	1.54

		Date and 24 hour time										
	Parameter	9/10/15	10/20/15	11/3/15	12/7/15	1/11/16	2/8/16	3/8/16	4/12/16	5/9/16	6/1/16	7/18/16
Parameter	Code	1054	1220	1314	1112	1257	1234	1319	1326	1347	1055	1628
Weather Conditions		Wet	Dry	Wet	Dry	Dry	Dry	Dry	Wet	Dry	Wet	Dry
Flow (cfs)	00061	DRY	DRY	0.0	0.00	0.00	0.00	0.00	0.00	0.00	7.9	0.00
E coli (organisms/100 mL)	31699			500	93	15	210	2000	390	88	2200	2
Suspended Solids (mg/L)	00530			49.3	30.2	29.2	106	170	117	37.7	20.3	49.3
Turbidity (NTU)	82079			102	32.9	32.9	164	192	113	38.7	63.2	111
pH	00400			7.3	7.5	7.6	8.0	8.0	7.7	8.1	7.5	8.4
Temperature (C)	00010			22.6	14.4	11.7	12.3	25.1	21.9	28.2	24.8	35.2
Dissolved Oxygen (mg/L)	00300			1.1	3.4	5.4	9.9	8.3	6.6	5.2	6.5	7.9
Conductivity (umhos/cm)	00094			245	425	404	327	287	340	429	166	512
Total Phosphorus (mg/L)	00665			0.49	0.20	0.22	0.57	0.52	0.30	0.24	0.30	0.19
Nitrate-N (mg/L)	00620			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.87	<0.05
Chloride (mg/L)	00940			1.50	7.24	6.26	5.83	5.51	4.89	4.22	1.06	43.90
Sulfate (mg/L)	00945			2.32	9.81	7.79	4.55	5.80	3.82	4.09	<1.00	48.4
Total Hardness (mg/L)	00900			134	201	179	174	156	173	211	160	162
Ammonia-N (mg/L)	00610			<0.10	<0.10	<0.10	<0.10	0.39	<0.10	<0.10	<0.10	0.12
Chlorophyll a (mg/m^3)	32211			<1.00	3.74	2.91	11.1	9.17	51.2	9.21	1.13	9.40
Pheophytin (mg/m^3)	32218			<1.00	<1.00	<1.00	1.33	1.01	6.33	<1.0	<1.0	<1.0
TKN	00625			1.37	0.61	1.55	4.00	3.61	2.38	1.39	0.85	1.57

Station Name Geronimo Creek @ Huber Rd, Upstream of Alligator Creek Confluence

TCEQ Segment No. 1804A
TCEQ Station Id No. 20742 GB700
Monitoring Type Routine
Latitude 29.671272 Longitude -97.990778

		Date and 24 hour time										
	Parameter	8/15/16	9/12/16	10/17/16	11/15/16	12/8/16	1/25/17	2/16/17	3/20/17	4/6/17	5/9/17	6/13/17
Parameter	Code	1343	1311	1305	1140	1453	1354	1401	1210	1256	1127	1348
Weather Conditions		Dry	Dry	Dry	Dry	Wet	Dry	Wet	Dry	Dry	Dry	Dry
Flow (cfs)	00061	0.00	0.00	0.00	0.00	0.5	0.00	0.04	0.3	0.2	0.1	0.07
E coli (organisms/100 mL)	31699	8700	76	13	980	400	250	82	31	30	140	44
Suspended Solids (mg/L)	00530	21.2	12.8	–	2.80	1.80	2.60	6.30	8.90	2.80	2.50	17.0
Turbidity (NTU)	82079	23.3	8.5	113	2.4	1.7	2.6	8.3	3.2	3.8	2.1	4.4
pH	00400	8.1	8.1	8.7	7.3	7.7	7.9	8.9	8.3	8.4	7.6	8.1
Temperature (C)	00010	25.6	28.7	29.7	18.2	9.8	17.1	21.2	23.9	26.1	22.3	30.4
Dissolved Oxygen (mg/L)	00300	8.0	10.5	5.6	5.5	9.1	11.9	16.8	14.5	15.8	5.9	10.9
Conductivity (umhos/cm)	00094	155	329	324	580	772	359	427	549	481	562	434
Total Phosphorus (mg/L)	00665	0.14	0.2	0.19	0.39	0.18	0.08	0.04	0.04	0.02	0.02	0.04
Nitrate-N (mg/L)	00620	0.23	<0.05	<0.05	<0.05	2.80	0.85	0.65	3.50	2.90	5.49	<0.05
Chloride (mg/L)	00940	2.60	10.6	12.3	44.7	22.1	7.53	13.4	11.5	14.2	13.2	16.2
Sulfate (mg/L)	00945	5.10	6.44	14.8	43.6	49.6	18.8	27.9	29.3	26.4	23.6	27.0
Total Hardness (mg/L)	00900	66.6	141	130	212	340	156	155	218	162	219	115
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.16	<0.10	<0.10
Chlorophyll a (mg/m^3)	32211	19.4	11.0	51.3	6.88	<1.00	10.5	1.90	2.31	2.08	5.87	3.68
Pheophytin (mg/m^3)	32218	1.16	3.01	4.81	<1.00	<1.00	1.03	1.61	2.59	2.18	1.50	1.43
TKN	00625	0.99	1.04	2.38	1.60	0.74	1.06	1.32	0.94	1.00	0.66	1.39

		Date and 24 hour time					
	Parameter	7/13/17	8/14/17	9/13/17	10/16/17	2/22/18	3/15/18
Parameter	Code	1521	1422	1205	1214	1303	1320
Weather Conditions		Dry	Dry	Dry	Dry	Dry	Dry
Flow (cfs)	00061	0.00	0.00	0.02	<0.01	0.03	0.00
E coli (organisms/100 mL)	31699	360	<20	26	500	870	6
Suspended Solids (mg/L)	00530	25.3	285	2.70	4.10	1.30	68.30
Turbidity (NTU)	82079	20.6	195	2.0	4.0	1.7	47.8
pH	00400	8.4	8.9	7.8	8.1	8.1	7.5
Temperature (C)	00010	32.6	38.9	22.0	18.6	9.8	15
Dissolved Oxygen (mg/L)	00300	8.6	20.9	8.6	9.3	14.3	8.8
Conductivity (umhos/cm)	00094	391	328	554	672	586	210
Total Phosphorus (mg/L)	00665	0.12	0.45	0.07	0.06	0.02	0.13
Nitrate-N (mg/L)	00620	<0.05	<0.05	<0.05	<0.05	0.85	<0.05
Chloride (mg/L)	00940	20.6	7.90	21.8	20.0	20	19.40
Sulfate (mg/L)	00945	20.5	27.4	16.3	12.0	30.6	23.8
Total Hardness (mg/L)	00900	100	218	193	188	198	161
Ammonia-N (mg/L)	00610	<0.10	0.13	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m^3)	32211	22.9	123.0	1.54	<1.00	5.4	11
Pheophytin (mg/m^3)	32218	3.13	5.26	<1.00	<1.00	1.1	11.4
TKN	00625	2.57	3.30	0.94	1.07	1.17	1.5