



TABLE 40

TCEQ Segment 1811  
 TCEQ Station 15082  
 Station Name Comal River at Landa Park Area 16  
 Latitude 29.709681 Longitude -98.133855

Parameter	Date and 24 hour time												
	Parameter Code	5/10/17	6/7/17	7/17/17	8/16/17	9/14/17	10/3/17	11/1/17	12/4/17	1/17/18	2/20/18	3/8/18	4/9/18
Flow (cfs)	00061	277	253	199	189	189	191	206	200	218	10	182	216
E. coli(org/100mL)	31699	68	61	190	110	60	>2400	150	180	28	68	75	63
Suspended Solids(mg/L)	00530	<0.50	0.60	1.60	0.60	0.80	0.70	<0.50	<0.50	0.50	1.50	1.20	0.50
Turbidity(NTU)	82079	0.8	3.4	1.4	1.2	0.5	0.4	<0.5	0.5	0.2	0.5	0.5	0.2
pH	00400	7.0	7.2	7.1	6.6	7.3	7.2	7.2	7.3	7.4	7.2	7.3	7.2
Temperature(C)	00010	23.4	24.4	23.9	23.5	24.4	23.6	23.2	23.8	22.4	23.3	23.6	23
Dissolved Oxygen(mg/L)	00300	6.2	9.6	7.6	8.1	8.9	5.7	5.7	9.8	9.1	5.6	10.2	5.8
Conductivity(umhos/cm)	00094	590	599	612	597	592	596	592	593	591	587	592	5.8
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	<0.02
Nitrate-N(mg/L)	00620	1.98	1.88	1.95	1.74	1.96	2.15	1.86	1.83	1.91	1.95		1.93
Chloride(mg/L)	00940	19.5	19.9	18.3	18.3	18.4	18.1	18.0	17.6	18.3	18.8	18.2	18.4
Sulfate(mg/L)	00945	29.3	30.0	28.0	28.8	28.9	28.3	27.7	27.8	28.3	29.3	28.2	28
Total Hardness(mg/L)	00900	281	281	281	277	280	280	280	282	282	282	282	282
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.42	<1.00	<1.00
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.23
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20		<0.20		<0.20		<0.20		<0.20		<0.20	

Parameter	Date and 24 hour time												
	Parameter Code	5/3/18	6/7/18	7/9/18	8/1/18	9/6/18	10/8/18	11/5/18	12/4/18	1/2/19	2/4/19	3/12/19	4/22/19
Flow (cfs)	00061	205	168	124	115	0.7	224	257	254	351	254	304	234
E. coli(org/100mL)	31699	82	84	>2400	>2400	98	110	310	88	1600	120	51	38
Suspended Solids(mg/L)	00530	0.9	0.50	0.70	6.30	1.50	<0.50	1.00	0.90	2.80	3.60	0.70	<0.50
Turbidity(NTU)	82079	0.2	0.8	0.7	6.5	0.4	0.3	0.7	0.3	1.4	<0.50	<0.5	<0.50
pH	00400	7.2	6.9	7.1	7.2	7.2	7.1	7.2	6.9	7.4	7	7	7.3
Temperature(C)	00010	23.6	23.6	23.8	24.7	24.1	23.9	23.4	22.8	20.6	23.5	23.6	23.5
Dissolved Oxygen(mg/L)	00300	6.9	6.1	8.1	3.4	7.9	9.1	7	9.2	8.2	8.8	9.6	7.2
Conductivity(umhos/cm)	00094	591	591	583	617	7.9	581	582	589	554	585	580	577
Total Phosphorus(mg/L)	00665	<0.02	<0.02	<0.02	0.08	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02
Nitrate-N(mg/L)	00620	1.91	1.9	1.99	1.03	1.03	1.88	1.98	1.81	1.66	1.94	1.91	1.83
Chloride(mg/L)	00940	19.4	19.3	18.7	0.61	18.8	18.8	0.0	18.6	18.1	18.8	18.6	18.7
Sulfate(mg/L)	00945	29.5	29.6	28.0	0	29.5	28.9	1	28	27.1	27.3	27.1	28.1
Total Hardness(mg/L)	00900	282	282	280	266	286	285	286	285	281	284	293	286
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	<1.00	1.1	11.6	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	2.25	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20		<0.20	<0.02	<0.02		<0.20		<0.20		<0.20	

Parameter	Date and 24 hour time												
	Parameter Code	5/22/19	6/5/19	7/1/19	8/26/19	9/9/19	10/2/19	11/4/19	12/16/19	1/9/20	2/12/20	3/2/20	4/6/20
Flow (cfs)	00061	251	254	251	205	206	205	218	223	216	245	251	213
E. coli(org/100mL)	31699	43	82	88	170	62	70	78	110	83	770	45	58
Suspended Solids(mg/L)	00530	0.5	0.90	0.60	0.90	0.60	1.40	0.70	0.80	0.80	1.00	1.00	0.80
Turbidity(NTU)	82079	<0.50	<0.5	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50
pH	00400	7.4	7.2	6.9	7.1	7.1	7.1	7.1	7.5	7.2	7.3	7	7
Temperature(C)	00010	23.7	24.5	23.9	23.8	24.4	23.7	23.3	22	23.2	22.8	23.7	23.4
Dissolved Oxygen(mg/L)	00300	7	9.2	9	6.2	8.6	6.1	7.1	9.1	5.7	6.1	8.8	6.7
Conductivity(umhos/cm)	00094	575	573	578	574	573	571	578	566	580	578	582	584
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	<0.02
Nitrate-N(mg/L)	00620	1.93	1.84	1.92	1.8	1.91	1.91	1.88	1.84	1.87	1.67	1.83	1.69
Chloride(mg/L)	00940	19.5	19.5	19.7	18.8	18.2	18.6	18.4	19.3	18.8	19.4	20.9	19.6
Sulfate(mg/L)	00945	28.2	27.9	28.1	27.7	26.8	27.4	27	28.6	27.7	28	26.8	28.6
Total Hardness(mg/L)	00900	284	285	286	286	287	286	286	287	286	284	284	282
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	1.48	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20		<0.20		0.22		<0.2		<0.2		<0.20	

TCEO Segment 1811  
 TCEO Station 15082  
 Station Name Comal River at Landa Park Area 16  
 Latitude 29.709681 Longitude -98.133855

Parameter	Parameter Code	Date and 24 hour time			
		5/4/20 937	6/1/20 1403	7/6/20 954	8/3/20 1046
Flow (cfs)	00061	203	203	177	143
E. coli(org/100mL)	31699	46	56	170	88
Suspended Solids(mg/L)	00530	0.7	0.90	2.70	1.20
Turbidity(NTU)	82079	<0.50	<0.50	0.85	<0.50
pH	00400	7.0	7.2	7.1	7.1
Temperature(C)	00010	23.7	24.1	23.9	24.2
Dissolved Oxygen(mg/L)	00300	6.5	8.8	6.7	7.4
Conductivity(umhos/cm)	00094	583	583	583	554
Total Phosphorus(mg/L)	00665	<0.02	0.204	<0.020	<0.020
Nitrate-N(mg/L)	00620	1.80	1.79	1.78	1.79
Chloride(mg/L)	00940	19.5	19.4	19.1	19
Sulfate(mg/L)	00945	28.4	28.2	27.3	27.4
Total Hardness(mg/L)	00900	279	278	279	280
Ammonia-N(mg/L)	00610	<0.10		<0.10	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	<1.00	<1.00	1.36
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20		<0.20	

Parameter	Parameter Code	Date and 24 hour time			
		5/4/20 937	6/1/20 1403	7/6/20 954	8/3/20 1046
Flow (cfs)	00061				
E. coli(org/100mL)	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 <sup>3</sup> )	32211				
Pheophytin(mg/m <sup>3</sup> )	32218				
Total Kjeldahl Nitrogen (mg/L)	00625				

Parameter	Parameter Code	Date and 24 hour time			
		5/4/20 937	6/1/20 1403	7/6/20 954	8/3/20 1046
Flow (cfs)	00061				
E. coli(org/100mL)	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 <sup>3</sup> )	32211				
Pheophytin(mg/m <sup>3</sup> )	32218				
Total Kjeldahl Nitrogen (mg/L)	00625				

Data after February 2018 is preliminary and subject to change during data review and validation process