

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

TABLE 28

TCEQ Segment 1805  
 TCEQ Station 17443  
 Station Number 28 Canyon Lake at Jacobs Creek Park  
 Latitude 29/52/59 Longitude 98/13/12

Parameter	Date and 24 hour time												
	Parameter Code	10/9/01	12/17/01	3/14/02	6/10/02	10/15/02	1/09/03	3/21/03	6/17/03	11/06/03	01/14/04	03/09/04	06/16/04
E. coli(org/100mL)	31699	9	6	2	1	7	<1.0	13	61	14	1	<1.0	12
Suspended Solids(mg/L)	00530	<1.0	18.3	2.5	4.3	3.3	2.1	5.6	3	2.5	1.3	2	2.7
Turbidity(NTU)	82079	1.8	14	2.9	2.4	4	2.6	3.8	2	2.41	2.44	1.8	2.49
pH	00400	8.16	8.14	8.12	8.22	8.04	8.2	7.85	7.97	8.36	8.14	8.18	8.02
Temperature(C)	00010	24.35	16.93	13.56	26.9	24.2	13.8	16.8	29	21.6	14	17.5	27.2
Dissolved Oxygen(mg/L)	00300	8.33	10.64	11.41	10	6.79	12.4	11.6	11.4	8.78	10.4	9.72	8.14
Conductivity(umhos/cm)	00094	375	380	423	384	445	456	461	400	395	421	429	391
Total Phosphorus(mg/L)	00665	<0.01	0.18	<0.01	<0.01	<0.05	<0.05	<0.05	0.06	<0.02	0.05	0.03	0.08
Nitrate-N(mg/L)	00620	0.05	0.21	0.31	0.15	0.1	0.13	0.39	0.03	<0.02	<0.02	0.22	0.06
Chloride(mg/L)	00940	19.8	16.1	12.8	14	<10	10.7	12	13.5	14.5	13.3	14.9	14.6
Sulfate(mg/L)	00945		23.1	17.3	17.8	14.3	17.1	19	21	20.3	18.4	19.6	20.1
Total Hardness(mg/L)	00900	155	193	239	189	252	252	227	108	174	186	187	180
Ammonia-N(mg/L)	00610	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	<0.02	0.03	0.02	0.02
Chlorophyll a(mg/m <sup>3</sup> )	32211	2	3.3	<1.0	1.7	<1.0	<1.0	<1.0	10.8	<1.0	<5.0	<5.0	<5.0
Pheophytin(mg/m <sup>3</sup> )	32218		3.3	1.2	1.2	1.98	1.82	3.35	<1.0	1.2	<3.0	<3.0	<3.0

Parameter	Date and 24 hour time												
	Parameter Code	9/17/04	12/07/04	3/11/05	8/02/05	9/13/05	12/12/05	3/01/06	6/06/06	9/07/06	2/07/07	4/02/07	
E. coli(org/100mL)	31699	3	13	1	7	<1	1	<1	<1	1	<1	36	Not
Suspended Solids(mg/L)	00530	3.5	9.8	1.9	11.7	5.7	1.7	4.3	3.3	1.7	2.3	3.7	sampled.
Turbidity(NTU)	82079	2.2	9.1	1.8	6.8	3	18	2.9	2.5	2.8	1.7	4.8	sampling
pH	00400	8.2	8.04	7.91	8.36	8.25	8.29	8.23	8.36	8.26	8.27	8.24	location
Temperature(C)	00010	29.2	17.5	16.3	30.7	28.9	18	15.7	26.2	27.1	13.2	20	was not
Dissolved Oxygen(mg/L)	00300	8.5	10.1	12.38	9.9	9.52	10.5	11.6	9.04	7.88	12.5	9.32	access-
Conductivity(umhos/cm)	00094	393	405	450	354	328	401	425	379	359	455	387	ible.
Total Phosphorus(mg/L)	00665	<0.05	0.08	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	
Nitrate-N(mg/L)	00620	0.1	0.25	0.38	0.03	<0.02	0.04	0.1	<0.02	<0.02	0.08	0.17	
Chloride(mg/L)	00940	13.6	11	7.2	14.4	14.9	14.6	15.3	16.6	16.5	16	13.5	
Sulfate(mg/L)	00945	18.7	16.7	11.4	22.3	21	20.1	22.4	23.6	22.6	22.2	20.7	
Total Hardness(mg/L)	00900	182	136	215	163	164	190	163	163	158	173	170	
Ammonia-N(mg/L)	00610	0.03	<0.02	0.02	0.07	0.02	0.04	<0.02	<0.02	<0.02	<0.02	0.03	
Chlorophyll a(mg/m <sup>3</sup> )	32211	3.2	2	1.4	3.7	1.5	<1	1.3	1.4	<1	<1	4	
Pheophytin(mg/m <sup>3</sup> )	32218	<3	<3	<3	<3	<3	<1	<1	<1	<1	<1	<1	

Parameter	Date and 24 hour time												
	Parameter Code	9/17/07	1/09/08	4/08/08	8/05/08	11/11/08	01/05/09	5/04/09	7/07/09	11/09/09	2/10/10	5/3/10	6/8/10
E. coli(org/100mL)	31699	<1	<1	<1	1	18	<1	<1	40	8	1	<1	2
Suspended Solids(mg/L)	00530	3.7	2.7	<1	2.7	3.3	5.3	3.3	3.3	5.7	2.3	2	4.7
Turbidity(NTU)	82079	3.12	1.9	2.4		4.1	6.71	2.1	3	6.6	2	2.6	3.9
pH	00400	8.1	8.3	8.2	8.3	8.2	8.1	8.3	8.3	8.3	8.2	8.3	8.2
Temperature(C)	00010	28.1	14.6	21	30.5	21.2	11.8	22.6	30.5	21.2	10.8	21.9	28
Dissolved Oxygen(mg/L)	00300	8	9.9	10.4	8.7	8.8	12.1	10.1	10.8	6.8	11.7	9.2	7.9
Conductivity(umhos/cm)	00094	394	432	404	364	385	396	393	379	384	407	431	411
Total Phosphorus(mg/L)	00665	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	<0.02	0.33	0.3	0.1	<0.05	<0.05	0.05	<0.05	0.06	0.18	0.29	0.26
Chloride(mg/L)	00940	12.6	11.6	13	15.6	16.3	18.3	17.3	18.2	17	15.1	16.3	16.2
Sulfate(mg/L)	00945	17.9	17.8	22.1	23.2	23.8	24.2	24.4	23.4	23.2	22.5	23.8	23.5
Total Hardness(mg/L)	00900	195	200	204	168	174	188	180	185	186	184	205	208
Ammonia-N(mg/L)	00610	<0.1	<0.1	<0.1	0.14	0.13	<0.1	<0.1	0.13	<0.1	<0.1	0.11	0.13
Chlorophyll a(mg/m <sup>3</sup> )	32211	3	<1	<1	1.1	1.2	1.1	<1	1.2	1.4	1.3	<1	<1
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	<0.5	<0.5	<0.2	<0.2	<0.2	0.22	<0.2	<0.2	0.23	0.22	0.23	0.27

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Parameter	Parameter Code	Date and 24 hour time											
		9/13/10	1/4/11	3/1/11	08/03/11	10/12/11	1/3/12	5/1/12	7/9/12	9/4/12	2/5/13	5/6/13	7/9/2013
E. coli(org/100mL)	31699	2	<1	<1	<1	2	20	<1	52	<1	5	<1	1
Suspended Solids(mg/L)	00530	1.3	2.6	2	1.9	2	2.1	4.7	1.7	2	1.1	2.5	3.9
Turbidity(NTU)	82079	1.1	2.2	1.6	1.6	1.4	2	2.7	1.3	2.1	1.4	1.88	2.8
pH	00400	8.3	8.2	8.4	8.3	8.2	8.2	8.3	8.2	8.3	8.3	8.4	8.1
Temperature(C)	00010	30.1	13.9	14	30.3	25.2	13.2	23.5	30.3	29	15.1	20.7	28.6
Dissolved Oxygen(mg/L)	00300	8	9.7	10.4	7.8	8.1	10.2	9	8	7.9	10.4	9.3	7.8
Conductivity(umhos/cm)	00094	374	405	404	380	402	422	402	380	386	408	394	390
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	0.02
Nitrate-N(mg/L)	00620	0.29	0.12	0.12	0.09	0.15	<0.05	0.05	<0.05	0.1	0.11	0.1	0.08
Chloride(mg/L)	00940	16.6	17.1	17.1	18	16.2	20	18.4	19.4	20.6	20.4	32	21.5
Sulfate(mg/L)	00945	23.5	22.6	22.5	22.6	20.7	24.5	23.4	24.6	25	24.4	78.3	25.5
Total Hardness(mg/L)	00900	175	180	187	164	162	179	176	161	165	179	177	163
Ammonia-N(mg/L)	00610	<0.1	<0.1	<0.1	<0.10	0.2	0.22	0.25	0.12	0.15	0.13	0.13	0.15
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.8	1.3	1.6	<1.0	<1	2.1	1.9	<1	2.31	<1	1.48	1.28
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.23	0.32	0.33	0.23	0.29	0.24	<0.2	<0.2	0.26	0.24	0.29	0.2

Parameter	Parameter Code	Date and 24 hour time											
		9/9/13	1/15/14	4/8/14	8/4/14	10/7/14	1/6/15	3/9/15	6/8/15	10/19/15	1/4/15	5/3/16	8/2/16
E. coli(org/100mL)	31699	3	1	3	<1	<1	1	<10	12	1	2	<10	6
Suspended Solids(mg/L)	00530	2.4	1.90	53.5	3.20	1.20	1.50	1.20	1.80	2.60	4.00	0.60	3.40
Turbidity(NTU)	82079	2.4	2.1	9.6	2.6	1.2	1.8	1.0	1.7	2.9	5.8	1.4	2.8
pH	00400	8.4	7.8	8.2	8.0	8.3	7.8	7.8	8.6	8.2	8.3	8.2	8.0
Temperature(C)	00010	29.3	12.4	16.7	29.6	26.4	13.7	11.4	31.5	25.5	15.3	22.4	29.6
Dissolved Oxygen(mg/L)	00300	7.4	10.9	10.0	8.1	8.0	10.1	10.5	12.1	7.3	10.6	8.9	7.8
Conductivity(umhos/cm)	00094	384	396	398	389	399	390	377	384	420	411	407	402
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	0.1	0.07	0.06	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	0.30	0.23	<0.05
Chloride(mg/L)	00940	21.5	19.9	20.3	20.9	21.4	23.2	19.5	17.1	19.0	16.6	16.8	17.2
Sulfate(mg/L)	00945	25.3	23.7	23.7	23.7	23.6	24.8	22.1	19.0	20.6	18.7	18.7	20.0
Total Hardness(mg/L)	00900	162	164	223	167	183	186	165	188	194	185	182	181
Ammonia-N(mg/L)	00610	0.19	<0.10	0.38	0.11	0.13	0.24	<0.10	0.12	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.01	<1.0	2.55	1.57	<1.00	1.22	<1.0	2.37	<1.00	1.16	1.28	5.84
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1.0	<1.0	<1.00	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	<0.2	<0.20	0.374	0.21	0.28	0.23	<0.20	<0.20	0.63	0.28	0.24	0.39

Parameter	Parameter Code	Date and 24 hour time											
		11/16/16	1/9/17	5/10/17	8/16/17	10/3/17	2/20/18	4/9/18	8/1/18	11/5/18	2/4/19	4/22/19	8/26/19
E. coli(org/100mL)	31699	8	<1		4	2400	120	<1.00	<1	71	2	<1.0	<1
Suspended Solids(mg/L)	00530	1.60	3.10	3.20	2.50	7.70	0.74	0.60	1.90	1.80	0.60	0.80	1.50
Turbidity(NTU)	82079	1.8	3.5	2.5	2.4	2.0	1	1.0	1.90	1.3	0.75	0.95	1.5
pH	00400	7.8	7.9	7.9	8.8	8.3	8.3	8.3	8.30	8.2	8	8.4	8.1
Temperature(C)	00010	23.4	13.9	22.1	29.6	26.6	14.2	18.7	30.50	21.3	13.7	20.1	31.1
Dissolved Oxygen(mg/L)	00300	7.1	9.5	8.7	7.1	8.2	10.8	9.3	8.00	8.1	10.2	9.5	7.5
Conductivity(umhos/cm)	00094	415	422	409	386	384	394	404	375.00	378	415	422	380
Total Phosphorus(mg/L)	00665	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	<0.02	<0.02	<0.02
Nitrate-N(mg/L)	00620	0.09	0.18	0.14	<0.05	<0.05	0.08	0.1	<0.05	0.12	0.33	0.315	0.08
Chloride(mg/L)	00940	16.8	19.3	19.5	18.5	18.7	20.2	19.6	21.60	19.0	18.5	19.5	19.5
Sulfate(mg/L)	00945	19.9	22.8	23.0	21.4	21.5	22.9	22.3	24.00	21	21.1	23.4	21.9
Total Hardness(mg/L)	00900	186	192	184	183	168	180	181	163.00	175	193	206	174
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.30	1.10	2.55	1.66	1.07	<1.00	<1.00	<1.00	2.2	<1.00	<1.00	1.07
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	2.29	<1.00	1.05	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	0.38	0.26	0.27	0.27	0.4	<0.2	0.24	<0.20	0.26	<0.20	0.25

TABLE 28

TCEQ Segment 1805  
 TCEQ Station 17443  
 Station Number 28 Canyon Lake at Jacobs Creek Park  
 Latitude 29/52/59 Longitude 98/13/12

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Parameter	Parameter Code	Date and 24 hour time		
		10/2/19 1339	1/9/20 1030	43927 1320
E. coli(org/100mL)	31699	<1	<1	1
Suspended Solids(mg/L)	00530	1.7	1.60	<0.50
Turbidity(NTU)	82079	1.9	1.2	0.5
pH	00400	8	8.2	7.9
Temperature(C)	00010	29.8	14.8	19
Dissolved Oxygen(mg/L)	00300	7.5	10	9.5
Conductivity(umhos/cm)	00094	360	937	397
Total Phosphorus(mg/L)	00665	<0.02	<0.02	<0.02
Nitrate-N(mg/L)	00620	0.06	0.09	0.08
Chloride(mg/L)	00940	19.4	19.9	20.7
Sulfate(mg/L)	00945	21.6	22.5	23.2
Total Hardness(mg/L)	00900	176	191	180
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.00	<1.00	<1.00
Pheophytin(mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.25	<0.20	<0.20

Parameter	Parameter Code	Date and 24 hour time		
		10/2/19 1339	1/9/20 1030	43927 1320
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)	0045	Data for February 2018 is preliminary and subject to change during data review and validation process
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	

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Date and 24 hour time	
Parameter	Parameter Code
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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

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