

TABLE 13

TNRCC Segment 2400  
 TNRCC Station 13289  
 Station Number 13 Garcitas Creek at SH 616, downstream of confluence with Arenoso Creek  
 Latitude 28/46/40 Longitude 96/41/56

Parameter	Parameter Code	Date and 24 hour time											
		10/22/96	11/11/96	12/16/96	1/27/97	2/11/97	3/25/97	4/22/97	5/19/97	6/9/97	7/17/97	8/25/97	9/16/97
Flow (cfs)	61	4.08	3.03	11.49		5							
Fecal Coliform(org/100mL)	31616	172	248	933	122	262	160	224	300	680	1818	32	305
Suspended Solids(mg/L)	530	3.6	6	5	18.9	5.5	20.6	11.6	27.4	51.6	12.1	4.8	7
Turbidity(NTU)	82079	12	16	3.7	52	13	31.5	12	52	67.5	3.5	2.1	4.4
pH	400	7.28	7.64	7.43	7.61	7.71	7.73	8.08	7.45	7.33	7.81	7.65	7.72
Temperature(C)	10	21.4	17.54	13.31	18.07	12.36	22.07	22.54	24.56	26.19	27.48	27.42	27.17
Dissolved Oxygen(mg/L)	300	3.91	5.17	6.65	7.81	9.2	6.94	6.35	6.35	6.56	4.24	2.71	2.96
Conductivity(umhos/cm)	94	1023	1123	1059	332	832	459	702	256	179	804	997	1072
Total Phosphorus(mg/L)	665	0.24	0.21	0.13	0.4	0.05	0.12	0.41	0.22	0.4	0.41	0.26	0.19
Nitrate-N(mg/L)	631	0.09	0.2	0.08	0.4	0.08	0.21	0.1	0.23	0.6	0.26	0.04	0.07
Chloride(mg/L)	940	124	169	142	22.6	118	43	57.6	28.5	9.2	75.1	119	134
Sulfate(mg/L)	945	96.6	61	73.5	8.7	59.2	9.7	54.2	11.2	<0.5	49.7	66.7	51.9
Total Hardness(mg/L)	900	278	193	302	108	260	152	223	75.2	62.3	290	214	275
Ammonia-N(mg/L)	610	0.17		0.1		0.15		0.16		0.23		0.09	
E. coli(org/100mL)	31648	36	88	100	200	237	152	168	260	520	1818	28	242
Chlorophyll a(mg/m <sup>3</sup> )	32211	6.7	7.34	<1	<1.0	<1.0	1.3	5.3	<1.0	2.7	34.7	15.1	8

Parameter	Parameter Code	Date and 24 hour time
		10/27/97
Flow (cfs)	61	1039
Fecal Coliform(org/100mL)	31616	80
Suspended Solids(mg/L)	530	5.3
Turbidity(NTU)	82079	12.5
pH	400	7.66
Temperature(C)	10	18.4
Dissolved Oxygen(mg/L)	300	7.18
Conductivity(umhos/cm)	94	664
Total Phosphorus(mg/L)	665	0.14
Nitrate-N(mg/L)	631	0.23
Chloride(mg/L)	940	57.6
Sulfate(mg/L)	945	30
Total Hardness(mg/L)	900	253
Ammonia-N(mg/L)	610	0.08
E. coli(org/100mL)	31648	56
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0

Parameter	Parameter Code	Date and 24 hour time
Flow (cfs)	61	
Fecal Coliform(org/100mL)	31616	
Suspended Solids(mg/L)	74016	
Turbidity(NTU)	82079	
pH	400	
Temperature(C)	10	
Dissolved Oxygen(mg/L)	300	
Conductivity(umhos/cm)	94	
Total Phosphorus(mg/L)	665	
Nitrate-N(mg/L)	631	
Chloride(mg/L)	940	
Sulfate(mg/L)	945	
Total Hardness(mg/L)	900	
Ammonia-N(mg/L)	610	
E. coli(org/100mL)	31648	
Chlorophyll a(mg/m <sup>3</sup> )	32210	