

TABLE 19

TNRCC Segment 1803 Elm Creek at CR 108 (1.7 km south of Smiley)
 TNRCC Station 15996
 Station Number 19

Latitude 29/15/29

Longitude 97/38/23

Parameter	Parameter Code	Date and 24 hour time					
		11/50/97 1203	12/8/97 1014	1/14/98 1007	2/12/98 1014	3/23/98 1201	4/14/98 949
Flow (cfs)							
Fecal Coliform(org/100mL)	31616	128	488	500	11000	720	20
Suspended Solids(mg/L)	530	25	41.1	14.5	83.7	24.2	17.2
Turbidity(NTU)	82079				215		36
pH	400	7.88	7.49	7.7	7.89	7.4	7.7
Temperature(C)	10	11.62	12.84	13.27	14.35	18.09	22.23
Dissolved Oxygen(mg/L)	300	3.27	1.65	3.17	8.25	7.81	3.55
Conductivity(umhos/cm)	94	466	310	304	410	402	480
Total Phosphorus(mg/L)	665						
Nitrate-N(mg/L)	620	0.16	0.26	0.19	0.37	0.2	<0.05
Chloride(mg/L)	940	46.8	28.8	26.2	39.3	34.8	46.2
Sulfate(mg/L)	945	24	12.3	7	34.7	158	15
Total Hardness(mg/L)	900				83.6	109	97.9
Ammonia-N(mg/L)	610	0.24	0.3	0.38	0.39	0.32	0.42
E. coli(org/100mL)	31648						
Chlorophyll a(mg/m ³)	32211	13.4	5.3	1.3	<1.0	8	26.1
Ortho Phosphorus(mg/L)	660	0.05	0.15	0.11	0.1	0.1	0.05
Total Dissolved Solids(mg/L)	70300	244	130	216	240	288	250