

TABLE 20

TNRCC Segment 1803
 TNRCC Station 15997
 Station Number 20

Elm Creek at CR 534 (6.7 km ESE of Nixon)

Latitude 29/14/04

Longitude 97/42/17

Parameter	Parameter Code	Date and 24 hour time					
		11/20/97 1244	12/8/97 934	1/14/98 930	2/12/98 930	3/23/98 1040	4/14/98 914
Flow (cfs)		0.39	0.39	1.6	12.8	1.58	0.34
Fecal Coliform(org/100mL)	31616	375	625	725	7400	297	16
Suspended Solids(mg/L)	530	25.4	41.9	36.1	68.1	27.9	17.4
Turbidity(NTU)	82079				205		37
pH	400	7.97	7.51	7.39	7.7	7.46	7.69
Temperature(C)	10	11.75	12.28	13.53	13.43	14.64	20.36
Dissolved Oxygen(mg/L)	300	5.34	9.26	4.79	8.25	7.73	3.21
Conductivity(umhos/cm)	94	850	411	386	368	353	475
Total Phosphorus(mg/L)	665						
Nitrate-N(mg/L)	620	0.34	0.22	0.17	0.29	0.27	0.13
Chloride(mg/L)	940	57.2	32.9	32.7	39.4	28.8	36.6
Sulfate(mg/L)	945	19.2	11.2	63.5	10	22.6	19.8
Total Hardness(mg/L)	900				72.7	96	118
Ammonia-N(mg/L)	610	0.19	0.23	0.27	0.34	0.21	0.33
E. coli(org/100mL)	31648						
Chlorophyll a(mg/m ³)	32211	2.7	<1.0	<1.0	5.3	<1.0	<1
Ortho Phosphorus(mg/L)	660	0.13	0.1	0.15	0.17	0.04	0.04
Total Dissolved Solids(mg/L)	70300	436	204	224	216	208	253