

Table 14-1
Water Quality Parameters
Station BL12

Parameter	Units	Mean Median Value	Detection Limits	Method(s)	FDEP Class III (Fresh) 62-302.530, FAC	DERM (Fresh) 24-11
Coliforms						
Fecal Coliform	cfu/100ml	10	10-20	SM9221E/9222D	<200 (avg)	None
Fecal Strep	cfu/100ml	40	10-20		None	None
Total Coliform	cfu/100ml	30	10-20	SM9221B/9222B&D	<1,000 (avg)	<1,000
Specific Conductivity	µmhos/cm	855.7	N/A	SM2510	<50% > ambient	<500 µmhos/cm
Dissolved Oxygen	mg/l	1.4	N/A	SM4500-OG	<5	<5 (avg), <4 (min)
BOD-5	mg/l	2.6	0.5-3.0	EPA405.1/SM5210B	None	None
COD	mg/l	38.7	1-10	EPA410.2/410.4	None	None
Chloride	mg/l	66.9	1-5	EPA325.2	None	<500
Turbidity	NTU	1.4	0.1-1.0	EPA180.1	<29 > ambient	<29 > ambient
Oil & Grease	mg/l	4.2	1.4-5.0	EPA1664	<5	<15
Nutrients						
Ammonia-N	mg/l	0.36	0.01	EPA350.1	0.02	<0.5
Nitrate-Nitrite	mg/l	0.03	0.01-0.02	EPA353.2	None	None
Nitrate-N	mg/l	0.03	0.004-0.02		None	None
Nitrite-N	mg/l	0.02	0.004-0.05		None	None
Phosphorus	mg/l	0.02	0.001-0.05	EPA365.1	None	None
Ortho Phosphate	mg/l	0.01	0.001-0.02	EPA365.1/365.2	None	None
TKN	mg/l	1.14	0.1-0.24	EPA351.2	None	None

Metals

Arsenic	µg/l	5.47	2-10	EPA206.2	<50	<50
Barium	µg/l	57.2	0.5-100	EPA208.2/200.7	None	None
Cadmium	µg/l	0.19	0.03-3.0	EPA213.2/200.7	*	None
Chromium	µg/l	3.67	0.5-10	EPA218.2/200.7	<11**	<50
Copper	µg/l	3.36	1-10	EPA220.2/200.7	*	<400
Mercury	µg/l	0.49	0.003-2.0	EPA245.1/245.7	<0.012	0 (none detectable)
Nickel	µg/l	3.54	1-5	EPA249.2/200.7	*	None
Zinc	µg/l	6.12	1.7-20.0	EPA289.2/200.7	*	<100
Lead	µg/l	2.35	2-10	EPA239.2/200.7	*	<950

Notes:

Period of Record: 1/13/1989 through 9/10/2003

Sample Depths: 0' - 3.2'

* Standards based on total hardness

** for hexavalent Chromium