

Table 3.7-1 Existing Surface Water Quality

	Tongue River at State Line Existing Conditions (1985-2002)*		
	Flow (cfs)	EC (μ S/cm)	SAR
7Q10	35	1,193	1.42
LMM	176	636	0.70
HMM	1,638	267	0.26

	Tongue River Below Dam Existing Conditions (1975-2002)*		
	Flow (cfs)	EC (μ S/cm)	SAR
7Q10	23	1,043	1.24
LMM	173	657	0.70
HMM	1,429	281	0.28

	Tongue River at Birney Day School Existing Conditions (1979-2002)*		
	Flow (cfs)	EC (μ S/cm)	SAR
7Q10	49	1,125	1.56
LMM	179	717	1.02
HMM	1,119	379	0.56

* These values include the effects of CBNG in Wyoming. No new discharges into the Tongue River are being permitted in Wyoming.

The 7Q10 Values for the State Line and Birney Day School Station have changed from the original Badger Hills EA due to updated USGS data.