

**Table 4.2.6-1. Direct Impacts from Badger Hills Discharges**

	Tongue River at State Line					
	Existing Conditions (1985-2002)*			Direct Surface Water Impacts		
	Flow (cfs)	EC (µS/cm)	SAR	Flow (cfs)	EC (µS/cm)	SAR
7Q10	35	1,193	1.42	39	1,266	2.37
Low Monthly Mean	176	636	0.70	180	663	0.98
High Monthly Mean	1,638	267	0.26	1,642	270	0.31

	Tongue River Below Dam					
	Existing Conditions (1975-2002)*			Direct Surface Water Impacts		
	Flow (cfs)	EC (µS/cm)	SAR	Flow (cfs)	EC (µS/cm)	SAR
7Q10	23	1,043	1.24	27	1,064	1.58
Low Monthly Mean	173	657	0.70	177	676	1.01
High Monthly Mean	1429	281	0.28	1,433	284	0.31

	Tongue River at Birney Day School					
	Existing Conditions (1979-2002)*			Direct Surface Water Impacts		
	Flow (cfs)	EC (µS/cm)	SAR	Flow (cfs)	EC (µS/cm)	SAR
7Q10	49	1,125	1.56	53	1,146	1.90
Low Monthly Mean	179	717	1.02	183	736	1.33
High Monthly Mean	1,119	379	0.56	1,123	382	0.59

\* 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 EA due to updated USGS data.