BAKER RIVER
Specific Conductance (uS)
By YSI Field Meter & Probe
2009

STA #	TOWN	LOCATION	6/1	7/7	8/3	9/8
1	Warren	Mooselauke Bridge	15.4	26.7	20.2	27.5
2	"	Batchelder Bridge	33.5	29.8	21.3	32.4
3B	"	Bixby Bridge-Below	42.9	39.1	25.8	48.1
5	Wentworth	Town Park - Paiges	48.9	45.6	26.4	62.2
6	"	Hamilton Field	22.1	44.9	26.4	61.8
7	"	Silver Bridge -Saunders Hill Road	NS	45.3	28.4	65.9
9	Rumney	Sandhill Bridge	41.7	39.6	25.3	69.9
9A	"	USGS Gaging Station	43.0	40.5	24.8	65.6
10	"	New Town Bridge	44.0	41.3	24.4	65.0
10A	"	E. of River Brook Develop	41.8	40.6	24.5	70.9
11	Plymouth	Covered Bridge	42.7	40.2	28.4	76.5
11FD	"	" "	20.4	41.1	28.8	-
12	"	Tenney Mtn. Hwy. Bridge	43.2	41.1	29.9	77.0
13	"	Silver Bridge	23.3	46.9	30.2	92.3

FD =Replicate sample for quality control/quality assurance
NS= No sample

Samples tested on 6/1 were <u>not</u> rinsed with DI water as it was unavailable. The probe was rinsed in the uppermost station sample water from station 11-BKR since it was the lowest conductance reading. This station was also used for the meter check, as the DES standard provided (2,000 uS std) was too high for Baker River conductance testing. The before/after testing at station 11-BKR was 15.4 versus 17.2 uS.

NOTE: There is no water quality standard for specific conductance. It measures the amount of dissolved minerals in water, and is used as an indicator of potential pollution sources.

Any questions? Please contact Dick Flanders, Vice Chair, Baker River Watershed Association at 536-1376.