

BAKER RIVER E. COLI TESTING 2008

Performed at PSU-Environmental Research Laboratory, Plymouth, NH

Results (counts/100ml)

STA #	TOWN	LOCATION	6/23	7/14	8/4	9/2
1	Warren	Mooselauke Bridge	30	100	30	30
2	“	Batchelder Bridge	20	180	50	20
3B	“	Bixby Bridge-Below	195	190	60	30
5	Wentworth	Town Park - Paiges	215	210**	80	50
6	“	Town Park - Hamilton Field	200	190	80	<10
7	“	Silver Bridge -Saunders Hill Road	170	180	70	30
8	“	South Branch Baker River at Route 25 Bridge	-	-	750	50
8A	“	South Branch Baker at outlet dam	-	-	-	10
9	Rumney	Sandhill Bridge	1130	100	420	50
9FD	“	“	-	-	-	10@
9A	“	USGS Gaging Station	930	390	390	80
10	“	New Town Bridge	1010	90	255	50
10A	“	E. of River Brook Develop	1470	195	300	10
11	Plymouth	Covered Bridge	1340	225	365	30
11 *	“	“ “	570	130	200 ***	
12	“	Tenney Mtn. Hwy. Bridge	1205	140	360	40
13	“	Silver Bridge	1010	150	320	90

*Replicate sample for quality control/quality assurance at DES Laboratory, Concord using m-Coli Blue 24 Method, same as used by PSU Environmental Research Laboratory

**Station 5 on 7/14/2008 –Reported result is based on refiltered sample after 48 hours due to problem with initial plate

*** 8/4/08 Covered Bridge field duplicate

@ 9/2/08 Sandhill Bridge field duplicate (FD)

Samples run at 10:1 dilution (10 ml sample), thus colony count X 10 = reported result. If no colonies are visible, results are reported as <10

NOTE: The Class B water quality standard for E. coli is not to exceed 406 E. coli per 100 ml. in any single sample.

Please note: June 23, 2008 samples were collected one day after heavy rain/thunderstorms in the Baker River Valley. Approximate precipitation was 1.5 inches (my rain gage in Plymouth).

The August 4 samples were collected one day after heavy rains in the upper watershed. Kevin Hopkins noted over 2 inches of rain fell on Sunday in Warren. Water levels were high at all stations for August.

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