

Summer 2014 Russian River Monitoring Results

DATE	Cloverdale River Park	Camp Rose Beach	Healdsburg Memorial Beach	Steelhead Beach	Forestville Access Beach	Sunset Beach	Johnsons Beach	Vacation Beach	Monte Rio Beach	Patterson Point	Casini Ranch
<i>E. Coli</i>											
May 15, 2014	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample	10	12	8	22
May 20, 2014	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample	8	12	4	2
May 27, 2014	20	30	63	10	10	<10	20	17	8	4	6
June 03, 2014	61	85	63	63	41	10	<10	16	8	9	4
June 10, 2014	30	10	20	20	20	10	30	16	19	39	10
June 17, 2014	20	41	41	10	41	<10	63	33	7	4	5
June 24, 2014	120	<10	63	31	10	<10	85	31	31	16	6
July 01, 2014	10	31	75	10	10	<10	52	23	22	12	<1
July 08, 2014	31	31	52	10	10	20	<10	No Sample	No Sample	No Sample	No Sample
July 15, 2014	<10	30	52	31	10	31	31	15	4	9	5
July 22, 2014	20	20	52	41	<10	<10	41	4	4	11	3
July 29, 2014	<10	31	31	10	<10	10	10	15	30	31	4
August 05, 2014	10	10	52	31	63	10	10	12	10	12	3
August 12, 2014	30	31	63	20	<10	<10	<10	<10	31	10	<10
August 19, 2014	10	31	63	10	20	31	<10	<10	41	10	10
August 26, 2014	31	10	76	41	73	20	<10	41	41	31	20
September 02, 2014	31	10	20	31	41	20	<10	10	10	30	<10

Red Type identifies exceedances of the following EPA and California State Department of Public Health guidelines:

E. Coli: 235 MPN per 100 mL

E. Coli = Escherichia coli MPN

Total coliform bacteria are commonly found in the environment (e.g., soil and vegetation) and are found in human and animal fecal matter (Minnesota Department of Health 2005). Therefore, data on total coliform abundance in surface water samples do not indicate whether the source of total coliform detections are from natural, animal, or human sources. Better indicators of human and animal fecal inputs are fecal coliform and E. coli.