

**Russian River Bacteriological Test Results
1998-2002**

Date	Camp Rose				Healdsburg Veterans Memorial Beach				Steelhead Beach (testing began 7/9/02)				Odd Fellows Bridge				Johnson's Beach				Monte Rio Beach			
	Total coli	30-day log mean av	Fecal coli	30-day log mean av	Total coli	30-day log mean av	Fecal coli	30-day log mean av	Total coli	30-day log mean av	Fecal coli	30-day log mean av	Total coli	30-day log mean av	Fecal coli	30-day log mean av	Total coli	30-day log mean av	Fecal coli	30-day log mean av	Total coli	30-day log mean av	Fecal coli	30-day log mean av
06/16/98	79		17		920		70						no test		no test		350		79		130		33	
06/18/98	110		23		350		70						no test		no test		220		23		220		49	
06/23/98	540		49		240		240						no test		no test		540		110		920		130	
06/29/98	95		17		140		13						no test		no test		180		31		79		33	
06/30/98	180	152	46	27	1600	444	920	107					no test		no test		170	264	70	53	240	219	49	51
07/07/98	30	125	8	23	300	355	300	143					80		8		80	196	50	49	70	193	30	50
07/14/98	350	158	50	27	no test		no test						110		8		500	231	34	53	170	183	50	50
07/21/98	30	88	13	21	90		50						80		23		300	206	80	49	70	110	23	35
07/28/98	300	111	13	20	170		170						80		23		60	165	23	47	240	137	80	42
08/04/98	70	92	4	12	130		130						50	78	23	15	220	174	70	47	500	158	500	67
08/11/98	110	119	8	12	50	124	44	108					130	86	22	18	1600	316	50	47	300	212	26	65
08/18/98	900	144	26	11	90	98	50	75					900	130	26	23	70	213	21	42	80	182	30	59
08/25/98	300	229	13	11	1601	174	110	88					90	133	26	24	170	191	50	38	300	244	13	53
09/01/98	70	171	11	10	500	216	80	76					240	166	11	21	500	291	80	49	1601	357	300	69
06/01/99	no test		13		no test		130						no test		17		no test		17				49	
06/08/99	170		33		79		79						130		17		240		33		110		49	
06/15/99	23		23		350		240						70		13		110		9		540		540	
06/22/99	130		33		79		49						540		33		1600		33		350		49	
06/29/99	110		23	24	1600		920	162					350		130	28	920		240	33	920		79	87
06/29/99	79	85	17	25	1300	340	350	197					110	180	46	34	79	314	23	35	920	446	33	80
07/06/99	180	86	46	27	170	396	46	177					920	266	70	45	350	339	130	46	49	379	33	74
07/13/99	170	128	23	27	540	432	240	177					110	291	23	50	540	466	49	65	220	317	11	34
07/20/99	240	145	130	35	170	504	49	177					70	194	23	47	1600	466	13	54	540	346	350	51
07/27/99	1600	247	8	28	210	336	120	118					300	188	50	39	140	320	9	28	430	297	23	40
08/03/99	90	254	50	35	130	212	50	80					170	205	8	27	110	342	80	36	170	212	17	35
08/10/99	170	251	17	29	90	186	50	81					50	114	23	22	50	232	17	24	170	272	17	30
08/17/99	110	230	17	27	110	136	70	63					80	107	11	19	30	130	8	17	50	202	50	41

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08/24/99	170	215	110	26	170	136	110	75					50	100	11	16	300	93	22	18	30	113	2	15
08/31/99	110	126	13	29	300	146	170	80													80	81	17	14
06/13/00	280		30		300		90						1601		50		1600		30		1601		50	
06/20/00	900		50		1601		900						1601		30		1601		70		1601		70	
06/27/00	500		20		300		80						300		20		1300		70		130		20	
07/05/00	110		13		140		50						240		13		170		23		50		30	
07/11/00	70	250	20	24	23	215	8	76					80	430	2	15	23	420	2	23	500	384	2	21
07/18/00	20	147	20	22	170	192	20	57					300	308	20	13	500	333	80	28	170	245	20	18
07/25/00	80	91	20	18	500	152	300	45					170	197	40	13	300	238	20	22	700	208	500	26
08/01/00	79	63	7	15	79	117	49	41					540	221	22	14	920	222	240	28	920	307	350	46
08/08/00	540	86	170	25	350	140	130	50					240	221	49	18	280	245	17	26	130	372	33	47
08/15/00	49	80	13	23	350	242	350	106					130	244	33	31	350	423	33	46	79	257	33	82
08/22/00	350	142	7	18	540	304	79	140					240	233	5	23	79	292	13	32	33	185	33	91
08/29/00	130	157	8	15	220	258	140	120					170	233	11	18	130	247	12	29	920	196	920	103
09/05/00	350	211	23	20	70	252	46	118					220	195	23	18	140	170	2	11	240	150	33	64
06/07/01	170		17		240		240						350		50		540		70		240		30	
06/11/01	130		14		900		130						280		13		220		30		80		80	
06/19/01	30		30		500		300						170		11		1601		30		900		140	
06/26/01	900		50		540		350						900		80		540		33		1601		110	
07/03/01	240	170	30	25	240	426	130	212					1601	474	130	38	240	477	80	44	240	367	17	57
07/10/01	500	211	30	29	900	555	170	198					1600	643	70	40	1600	593	30	37	1600	536	30	57
07/17/01	80	192	22	31	140	382	50	163					80	500	23	45	110	516	50	41	120	581	120	62
07/24/01	300	304	40	33	260	335	40	109					500	621	40	58	90	290	10	33	500	517	220	68
07/31/01	70	182	10	24	230	283	130	90					130	422	10	38	500	286	50	36	140	317	70	62
08/07/01	130	161	10	19	230	280	80	81					800	367	70	34	230	283	230	44	300	332	300	111
08/13/01	500	161	20	18	800	274	110	74					80	202	20	26	230	192	40	47	230	225	230	166

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08/21/01	300	210	20	17	500	353	110	87					130	222	20	26	300	235	10	34	500	300	110	164
08/28/01	40	140	10	13	300	364	130	110					230	190	10	19	500	331	230	64	40	181	20	101
09/04/01	500	208	40	17	170	342	80	100					300	225	20	22	300	299	20	53	40	141	20	79
Date	Total coli	30-day log mean av	E. coli	30-day log mean av	Total coli	30-day log mean av	E. coli	30-day log mean av	Total coli	30-day log mean av	E. coli	30-day log mean av	Total coli	30-day log mean av	E. coli	30-day log mean av	Total coli	30-day log mean av	E. coli	30-day log mean av	Total coli	30-day log mean av	E. coli	30-day log mean av
05/28/02	782		20		945		<10						1091		<10		831		20		591		20	
06/04/02	945		10		2005		10						1091		42		1445		42		1298		192	
06/11/02	453		10		697		10						1445		31		1445		42		1652		75	
06/18/02	531		<10		1652		20						2005		<10		1652		<10		1652		178	
06/25/02	1013	710	10	11	2005	1343	20	13					1445	1379	10	18	>2005	1419	87	31	>2005	1332	10	55
07/02/02	1445	802	<10	10	>2005	1561	31	17					1652	1498	<10	18	>2005	1692	1091	70	2005	1701	178	85
07/09/02	2005	933	10	10	2005	1561	20	19	1445		10		>2005	1692	10	14	>2005	1807	10	52	1652	1785	20	54
07/17/02	2005	1256	<10	10	1445	1807	20	22	885		20		>2005	1807	<10	11	1652	1856	<10	39	1091	1643	42	48
07/23/02	2005	1638	20	11	1652	1807	31	24	624		111		1625	1732	<10	11	>2005	1929	31	49	531	1309	20	31
07/30/02	1652	1807	20	13	2005	1807	<10	21	591		<10		2005	1849	<10	10	1445	1807	10	32	885	1112	<10	31
08/06/02	>2005	1929	10	13	>2005	1807	53	24	591	775	<10	19	1652	1849	10	10	1652	1738	20	14	624	880	31	22
08/14/02	2005	1929	10	13	1652	1738	111	33	738	677	<10	19	1445	1732	10	10	2005	1738	20	17	782	758	64	28
08/20/02	1652	1856	31	17	1652	1785	42	38	2005	797	<10	16	2005	1732	<10	10	>2005	1807	20	19	591	671	31	26
08/29/02	1445	1738	<10	14	1298	1701	75	46	560	780	20	11	1298	1656	10	10	1652	1738	<10	15	738	716	20	26
09/05/02	>2005	1807	10	13	1652	1636	53	63	659	798	<10	11	1445	1551	<10	11	1013	1619	<10	15	1013	736	42	35


California Department of Health Services Draft Guidance for Fresh Water Beaches (last update July 24, 2001)

These values are currently recommendations only and are not enforceable since the Draft Guidance has not been adopted and is subject to change.

Single Sample Values

Beach posting is recommended when indicator organisms exceed any of the following levels:


- Total coliforms: 10,000 per 100 ml
- Fecal coliforms: 400 per 100 ml
- Either Enterococcus: 61 per 100 ml, or E. coli: 235 per 100 ml

 Results in yellow boxes exceed recommended single sample values.

Thirty-Day Average Values

Additional sanitary surveys and other related evaluations, including more frequent sampling if levels appear to be on an increasing trend, are recommended when indicator organisms exceed any of the following, based on the log mean of at least 5 equally spaced samples in a 30-day period:

- Total coliforms: 1,000 per 100 ml
- Fecal coliforms: 200 per 100 ml
- Either Enterococcus: 33 per 100 ml, or E. coli: 126 per 100 ml

 Results outlined in black exceed recommended thirty-day average values.

Log mean averages are for the date indicated and the previous 4 samples.

Averages that include values ">" or "<" are calculated using the numbers shown, without regard to ">" or "<" and may not accurately reflect true bacterial levels.

Test Methods

1998-2001: Multiple-tube fermentation – 1:10 dilution

2002: Colilert Quantitray – 1:10 dilution

2003: Colilert Quantitray 2000 – 1:10 dilution (5/27/03 only – no dilution)