

SAN RAFAEL RIVER SITE NO. 2

<u>Field</u>	<u>Field</u>	<u>Field</u>	<u>Field</u>	<u>Field</u>	<u>Field</u>	<u>Field</u>	<u>Lab</u>	<u>Lab</u>	<u>Lab</u>	<u>Lab</u>	<u>Lab</u>	<u>Lab</u>
<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>Do mg/l</u>	<u>PH units</u>	<u>Do mg/l</u>	<u>Tss mg/l</u>	<u>Tds mg/l</u>	<u>Se mg/l</u>	<u>Spec. Conductivity umhos/cm</u>
September 16, 2009	1:30 PM	203	8.5	16.4	61.6	N/A	7.4	5.1	26,500	1,420	0.0020	N/A
October 12, 2009	12:00 PM	20.9	9.0	10.8	51.4	N/A	8.0	7.5	53	2,570	0.0025	N/A
November 16, 2009	11:00 AM	25.5	9.1	3.0	37.4	N/A	7.9	8.3	20	2,400	0.0027	N/A
December 15, 2009	10:00 AM	25.5	8.3	0.00	32.0	N/A	7.4	9.4	10	2,980	0.0031	N/A
January 11, 2010	3:30 PM	25.5	8.1	-0.02	32.0	N/A	7.3	10.7	14	2,330	0.0025	N/A
February 15, 2010	10:00 AM	25.5	8.5	-0.06	31.9	N/A	7.6	8.6	122	2,490	0.0029	N/A
March 8, 2010	11:30 AM	80.0	9.0	2.6	36.7	N/A	7.8	8.7	3,220	1,370	0.0013	1,820
April 12, 2010	2:00 PM	19.6	8.2	13.3	55.9	9.5	8.0	6.0	28	4,020	0.0046	4,220
May 10, 2010	1:30 PM	13.3	8.1	17.2	63.0	9.0	8.0	8.1	13	3,980	0.0045	4,320
June 14, 2010	1:30 PM	62.0	8.2	18.9	66.0	8.1	8.1	8.3	697	1,020	0.0012	1,410
July 12, 2010	2:00 PM	19.0	7.7	25.3	77.5	7.5	7.7	6.7	12	3,170	0.0024	3,500
August 16, 2010	1:30 PM	7.3	7.8	25.6	78.1	6.9	7.9	6.2	55	2,950	0.0016	3,180
September 13, 2010	12:30 PM	6.6	7.9	18.3	64.9	8.9	7.9	7.2	17	3,840	0.0016	4,020
October 11, 2010	2:30 PM	39.0	8.1	13.9	57.0	8.7	7.8	7.4	6,560	2,040	N/D	2,410
November 16, 2010	2:00 PM	30.0	8.4	5.9	42.6	10.8	8.1	10.0	40	2,850	0.0027	3,100
December 13, 2010	2:00 PM	27.7	8.3	1.7	35.1	11.9	8.5	9.7	48	2,020	0.0025	2,370
January 17, 2011	12:15 PM	27.7	8.0	0.4	32.7	11.7	7.9	7.7	23	3,870	0.0035	4,200
February 14, 2011	1:00 PM	27.7	8.3	0.2	32.4	12.3	7.9	8.9	199	2,620	0.0033	3,130
March 8, 2011	1:30 PM	27.1	8.2	7.7	45.9	11.1	8.2	9.8	158	2,960	0.0042	3,350
April 12, 2011	1:30 PM	150.0	8.2	9.2	48.6	10.6	8.3	8.1	830	616	0.0009	919
May 16, 2011	1:00 PM	287.0	8.2	15.6	60.1	8.3	8.3	7.8	2,700	700	N/D	1,120
June 13, 2011	11:30 AM	1,150.0	8.1	17.3	63.1	7.8	8.0	7.4	722	554	0.0011	860
July 12, 2011	1:30 PM	1,150.0	8.0	20.5	68.9	7.1	8.0	7.5	6,870	878	0.0015	1,180
August 9, 2011	12:30 PM	90.0	7.9	21.3	70.3	7.1	8.0	6.4	1,310	2,060	0.0023	2,500
September 12, 2011	1:00 PM	111.0	7.9	20.0	68.0	7.4	8.1	7.4	5,160	1,700	0.0011	2,070
October 10, 2011	1:00 PM	116.0	8.0	10.8	51.4	9.3	8.0	9.0	3,780	1,910	0.0016	1,910
November 8, 2011	12:30 PM	77.0	8.2	5.0	41.0	11.0	8.2	9.4	52	2,260	0.0028	2,710
December 19, 2011	1:00 PM	77.0	8.2	1.0	33.8	11.5	8.1	10.2	58	1,850	0.0027	2,290

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<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>Do</u> <u>mg/l</u>	<u>PH</u> <u>units</u>	<u>Do</u> <u>mg/l</u>	<u>Tss</u> <u>mg/l</u>	<u>Tds</u> <u>mg/l</u>	<u>Se</u> <u>mg/l</u>	<u>Spec.</u> <u>Conductivity</u> <u>umhos/cm</u>
January 16, 2012	1:00 PM	77.0	7.8	0.2	32.4	11.7	8.0	11.2	28	2,200	0.0037	2,800
February 13, 2012	1:00 PM	38.0	8.2	2.9	37.2	12.3	8.3	8.6	40	1,900	0.0051	2,350
March 5, 2012	1:30 PM	35.0	8.2	6.0	42.8	11.2	8.2	8.6	30	2,470	0.0047	2,660
April 9, 2012	1:30 PM	20.0	8.0	14.5	58.1	9.3	8.1	7.8	10	3,080	0.0042	3,440
May 15, 2012	2:00 PM	17.0	7.9	22.6	72.7	8.1	8.0	7.5	16	3,810	0.0053	4,100
June 13, 2012	2:00 PM	9.0	7.8	26.4	79.5	7.6	7.8	6.7	24	3,930	0.0060	4,340
July 17, 2012	1:30 PM	519.0	7.4	23.2	73.8	2.8	7.4	6.1	7,400	4,010	0.0007	4,600
August 13, 2012	2:00 PM	25.0	8.0	26.5	79.7	6.9	8.1	6.6	2,600	1,640	0.0018	2,120
September 10, 2012	2:00 PM	11.0	8.0	23.7	74.7	11.4	8.0	9.4	102	2,020	0.0086	2,350
October 15, 2012	1:30 PM	56.0	7.9	12.6	54.7	8.0	7.8	8.4	32,400	1,810	N/D	2,410
November 12, 2012	1:30 PM	30.0	8.2	2.9	37.2	12.2	8.2	10.1	363	2,840	0.0044	3,130
December 17, 2012	1:00 PM	20.0	8.3	3.1	37.6	11.0	8.1	10.0	38	3,140	0.0063	3,270
January 14, 2013	1:30 PM	20.0	7.5	-0.1	31.8	10.5	7.4	10.9	9	3,590	0.0037	3,800
February 12, 2013	1:00 PM	20.0	8.1	0.2	32.4	10.8	7.8	10.0	135	2,900	0.0038	3,140
March 11, 2013	1:30 PM	75.0	8.1	5.7	42.3	9.9	7.9	8.3	12,400	1,940	N/D	1,800
April 22, 2013	1:30 PM	20.0	8.2	17.5	63.5	8.0	8.3	8.7	16	2,990	0.0052	3,410
May 13, 2013	1:00 PM	9.0	8.1	23.9	75.0	7.8	8.1	7.3	40	3,420	0.0040	3,490
June 10, 2013	1:00 PM	2.0	7.8	24.3	75.7	8.7	8.1	9.0	15	4,910	0.0059	4,660
July 22, 2013	2:00 PM	25.0	8.0	27.4	81.3	6.0	8.0	6.9	9,340	1,530	N/D	1,810
August 19, 2013	1:00 PM	6.8	8.0	27.6	81.7	8.1	8.0	7.6	13	2,660	0.0036	3,370
November 18, 2013	1:30 PM	17.3	8.1	6.5	43.7	10.3	8.2	9.5	20	2,650	0.0031	2,710
December 9, 2013	11:30 AM	17.3	8.1	0.0	32.0	11.9	8.0	10.6	42	3,170	0.0042	3,430

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<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>Do</u>	<u>PH</u>	<u>Do</u>	<u>Tss</u>	<u>Tds</u>	<u>Se</u>	<u>umhos/cm</u>
				<u>Water Temp</u>	<u>Water Temp</u>	<u>Dissolved Oxygen</u>	<u>PH</u>	<u>Dissolved Oxygen</u>	<u>Total Suspended Solids</u>	<u>Total Dissolved Solids</u>	<u>Selenium</u>	<u>Spec. Conductivity</u>
						<u>mg/l</u>	<u>units</u>	<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	
January 13, 2014	11:00 AM	17.3	8.1	0.0	32.0	10.3	7.9	10.3	9	3,140	0.0037	3,460
February 18, 2014	11:15 AM	17.3	7.9	2.3	36.1	11.1	8.2	9.5	235	2,320	0.0036	2,380
March 17, 2014	12:00 PM	24.0	8.1	8.8	47.8	9.6	8.2	9.9	22	3,090	0.0043	3,150
April 14, 2014	11:30 AM	6.6	7.9	11.1	52.0	9.2	7.8	8.0	22	3,370	0.0044	3,510
May 12, 2014	11:45 AM	37.2	8.0	11.7	53.1	8.8	8.2	8.7	230	1,120	0.0016	1,470
June 9, 2014	11:00 AM	123.0	8.1	18.7	65.7	7.4	8.1	8.2	1,470	520	0.0011	862
July 7, 2014	11:30 AM	3.5	7.9	31.1	88.0	6.9	7.8	6.8	28	3,080	0.0034	3,680
August 18, 2014	11:15 AM	19.8	7.0	23.5	74.3	7.0	8.1	7.4	209	1,810	0.0029	2,280
September 15, 2014	11:30 AM	29.3	8.2	18.8	65.8	7.4	8.0	7.7	1,090	1,740	0.0033	2,290
October 14, 2014	11:30 AM	30.0	8.1	11.6	52.9	8.7	8.2	8.5	72	2,140	0.0035	2,540
November 10, 2014	11:30 AM	21.7	7.7	7.3	45.1	N/A	8.1	9.9	29	2,640	0.0034	3,220
December 14, 2014	11:15 AM	21.2	7.4	2.4	36.3	9.3	8.2	9.3	24	2,460	0.0036	2,970
January 20, 2015	11:00 AM	20.0	8.1	3.6	38.5	11.7	8.3	11.0	50	1,920	0.0029	2,360
February 17, 2015	11:30 AM	30.3	8.1	9.7	49.5	11.3	8.0	7.6	34	1,890	0.0025	2,470
March 16, 2015	11:45 AM	37.2	8.1	17.0	62.6	9.4	8.2	8.5	33	1,750	0.0021	2,180
April 20, 2015	11:00 AM	11.3	8.1	19.3	66.7	8.5	8.0	8.3	14	3,340	0.0033	3,930
May 18, 2015	11:45 AM	47.0	8.0	23.0	73.4	7.8	8.0	7.8	6,520	1,520	0.0058	2,110
June 15, 2015	11:30 AM	100.0	8.2	25.7	78.3	7.1	8.0	7.4	2,460	892	N/D	1,220
July 20, 2015	11:15 AM	100.0	8.0	26.5	79.7	6.9	7.9	7.4	1,800	1,270	0.0026	1,860
August 18, 2015	12:00 PM	9.1	7.8	24.2	75.6	7.2	7.9	7.5	59	2,250	0.0045	2,930
September 21, 2015	11:30 AM	16.3	8.0	26.0	78.8	8.1	8.0	8.2	510	2,090	0.0049	2,610
October 26, 2015	11:30 AM	60.0	8.1	13.8	56.8	8.5	8.0	8.6	1,150	796	0.0036	2,210
November 23, 2015	11:15 AM	20.0	7.3	15.0	59.0	11.2	8.0	10.1	97	2,440	0.0037	2,940
December 15, 2015	11:45 AM	20.0	8.1	12.4	54.3	N/A	8.0	11.4	72	2,880	0.0039	3,320

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<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>Do</u>	<u>PH</u>	<u>Do</u>	<u>Tss</u>	<u>Tds</u>	<u>Se</u>	<u>umhos/cm</u>
				Water Temp	Water Temp	Dissolved Oxygen mg/l		Dissolved Oxygen mg/l	Total Suspended Solids mg/l	Total Dissolved Solids mg/l	Selenium mg/l	Spec. Conductivity umhos/cm
January 19, 2016	11:30 AM	20.0	7.8	0.4	32.7	11.3	8.0	10.0	37	2,940	0.0047	3,440
February 8, 2016	11:00 AM	20.0	7.6	0.2	32.4	11.3	7.9	10.5	31	3,210	0.0041	3,600
March 21, 2016	11:30 AM	12.0	7.7	9.3	48.7	9.3	8.1	9.2	50	2,060	0.0033	2,730
April 18, 2016	11:15 AM	12.4	7.4	11.1	52.0	9.4	8.1	9.1	30	3,440	0.0035	3,940
May 16, 2016	11:45 AM	16.9	7.3	18.4	65.1	7.7	8.1	8.5	99	3,030	0.0038	3,380
June 13, 2016	11:30 AM	5.9	6.7	18.6	65.5	7.2	8.0	7.8	26	2,310	0.0031	2,990
July 11, 2016	11:45 AM	4.5	5.5	21	69.8	7.2	8.0	7.1	38	2,200	0.0034	2,530
August 15, 2016	11:00 AM	1.6	6.9	20.4	68.7	7.5	7.9	7.4	13	2,660	0.0030	2,970
September 12, 2016	11:00 AM	7.2	7.6	17.0	62.6	6.7	8.0	8.2	194	1,580	0.0032	2,100
October 17, 2016	11:15 AM	15.0	8.1	13.2	55.8	8.1	8.1	9.9	74	2,910	0.0031	3,290
November 14, 2016	11:00 AM	25.5	7.8	7.5	45.5	9.9	8.2	9.6	37	3,070	0.0027	3,340
December 19, 2016	11:00 AM	14.0	6.5	0.0	32.0	11.7	6.5	9.0	30	3,230	0.0034	3,520