

SAN RAFAEL RIVER SITE NO. 5

<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>units</u>	<u>Do mg/l</u>	<u>Tss mg/l</u>	<u>Tds mg/l</u>	<u>Se mg/l</u>	<u>umhos/cm</u>
April 12, 2010	10:30 AM	23.2	8.4	11.1	52.0	9.4	8.2	6.2	21	3,890	0.0039	4,320
May 10, 2010	10:30 AM	20.2	8.4	14.9	58.8	8.6	8.2	7.8	6	3,810	0.0046	4,120
June 14, 2010	11:00 AM	200.0	8.2	15.6	60.1	7.4	8.0	7.2	5,240	1,050	N/D	1,340
July 12, 2010	11:00 AM	8.9	8.5	22.9	73.2	8.0	8.2	7.0	7	1,960	0.0021	2,380
August 16, 2010	10:30 AM	10.0	8.3	22.4	72.3	7.2	8.2	6.1	73	2,660	0.0020	2,950
September 13, 2010	11:00 AM	12.7	8.4	16.5	61.7	8.2	8.3	7.0	29	2,970	0.0013	3,310
October 11, 2010	11:00 AM	44.4	8.4	12.2	54.0	8.7	8.2	8.0	954	1,680	N/D	2,120
November 16, 2010	10:30 AM	32.1	8.5	3.40	38.1	11.1	8.2	9.9	60	2,490	0.0026	2,880
December 13, 2010	10:30 AM	27.7	8.5	0.20	32.4	11.7	8.5	9.9	24	2,230	0.0030	2,560
January 17, 2011	9:45 AM	27.7	8.5	0.10	32.2	11.8	8.5	7.8	26	3,650	0.0036	3,950
February 14, 2011	10:30 AM	27.7	8.4	-0.10	31.8	12.2	8.1	8.9	85	2,990	0.0025	3,600
March 8, 2011	10:30 AM	28.9	8.4	4.6	40.3	11.5	8.4	9.6	86	3,080	0.0044	3,470
April 12, 2011	11:00 AM	195.0	8.6	8.5	47.3	10.2	8.5	8.0	670	546	0.0008	858
May 16, 2011	10:00 AM	290.0	8.3	12.7	54.9	8.1	8.3	7.5	2,750	626	N/D	950
June 13, 2011	10:00 AM	1,160.0	8.2	15.4	59.7	8.0	8.2	7.4	1,030	524	0.0009	760
July 12, 2011	11:30 AM	1,160.0	8.2	18.9	66.0	7.4	8.2	7.9	856	654	0.0026	900
August 9, 2011	10:00 AM	60.0	8.2	20.4	68.7	7.1	8.2	6.4	202	2,070	0.0021	2,460
September 12, 2011	11:00 AM	150.0	7.9	16.6	61.9	7.1	7.8	6.6	26,200	2,130	0.0009	2,500
October 10, 2011	11:00 AM	92.0	8.3	9.0	48.2	9.3	8.2	9.0	556	1,790	0.0025	2,120
November 8, 2011	10:00 AM	79.0	8.3	8.3	46.9	11.2	8.4	9.1	31	1,700	0.0022	2,060
December 19, 2011	10:00 AM	79.0	8.4	0.0	32.0	11.6	8.3	10.0	12	1,960	0.0030	2,400

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				Water Temp	Water Temp	Dissolved Oxygen	PH	Dissolved Oxygen	Total Suspended Solids	Total Dissolved Solids	Selenium	Spec. Conductivity
<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>Do mg/l</u>	<u>units</u>	<u>Do mg/l</u>	<u>Tss mg/l</u>	<u>Tds mg/l</u>	<u>Se mg/l</u>	<u>umhos/cm</u>
January 16, 2012	10:00 AM	79.0	8.3	0	32.0	11.6	8.2	11.1	11	2,390	0.0043	3,000
February 13, 2012	10:00 AM	45.0	8.4	-0.10	31.8	12.3	8.4	8.4	14	1,970	0.0059	2,470
March 5, 2012	10:30 AM	40.0	8.3	1.5	34.7	12.2	8.4	8.6	33	2,560	0.0048	2,750
April 9, 2012	11:00 AM	18.8	8.2	10.6	51.1	9.6	8.3	7.9	4	3,360	0.0039	3,690
May 15, 2012	11:00 AM	21.8	8.2	18.3	64.9	8.1	8.3	7.2	22	3,050	0.0050	3,450
June 13, 2012	11:00 AM	15.0	8.1	21.2	70.2	7.8	8.2	6.6	21	2,800	0.0061	3,290
July 17, 2012	5:30 PM	30.0	7.7	19.2	66.6	6.9	7.6	7.0	22,100	1,870	N/D	2,140
August 13, 2012	11:00 AM	8.3	8.3	23.6	74.5	7.2	8.5	7.2	48	2,790	0.0053	3,320
September 10, 2012	11:00 AM	7.6	8.3	19.8	67.6	7.5	8.4	7.9	303	2,900	0.0051	3,550
October 15, 2012	11:00 AM	30.0	8.3	10.4	50.7	9.2	8.3	8.8	3,620	1,110	N/D	1,630
November 12, 2012	11:00 AM	10.0	8.6	0.90	33.6	12.1	8.4	9.9	98	1,560	0.0032	1,960
December 17, 2012	10:00 AM	20.0	8.6	-0.10	31.8	10.7	8.3	10.0	52	2,680	0.0058	2,900
January 14, 2013	11:00 AM	20.0	7.9	-0.1	31.8	10.2	7.9	11.2	11	3,890	0.0040	4,100
February 12, 2013	10:30 AM	20.0	8.3	-0.1	31.8	10.9	8.2	10.5	61	3,530	0.0048	3,390
March 11, 2013	10:30 AM	21.0	8.4	2.3	36.1	10.2	8.2	8.3	2,500	2,500	N/D	3,100
April 22, 2013	11:00 AM	21.6	8.4	13.3	55.9	8.4	8.5	8.7	22	2,940	0.0041	3,370
May 13, 2013	10:30 AM	11.3	8.4	18.9	66.0	7.6	8.3	7.0	105	3,500	0.0051	3,930
June 10, 2013	11:00 AM	8.6	8.3	23.7	74.7	7.0	8.5	8.8	20	4,200	0.0061	4,160
July 22, 2013	11:00 AM	10.0	8.2	25.0	77.0	6.3	8.3	7.4	545	876	N/D	1,200
August 19, 2013	10:30 AM	18.6	8.3	22.8	73.0	6.6	8.2	7.2	880	1,980	0.0024	2,970
November 18, 2013	11:30 AM	14.6	8.4	3.5	38.3	10.7	8.3	9.8	11	2,880	0.0046	3,000
December 9, 2013	9:30 AM	14.6	8.3	-0.1	31.8	11.5	8.2	10.4	14	2,670	0.0042	2,980

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				Water Temp	Water Temp	Dissolved Oxygen	PH	Dissolved Oxygen	Total Suspended Solids	Total Dissolved Solids	Selenium	Spec. Conductivity
<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>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>umhos/cm</u>
January 13, 2014	9:30 AM	14.6	8.4	0.0	32.0	11.1	8.1	10.1	12	3,230	0.0041	3,400
February 18, 2014	9:00 AM	14.6	8.4	0.0	32.0	10.9	8.3	9.4	43	2,600	0.0044	2,680
March 17, 2014	10:00 AM	16.5	8.4	6.5	43.7	9.2	8.3	9.7	11	2,240	0.0041	2,460
April 14, 2014	9:15 AM	12.3	8.0	9.2	48.6	8.7	8.2	7.9	8	3,940	0.0051	4,040
May 12, 2014	9:45 AM	60.4	8.2	8.2	46.8	8.7	8.3	8.5	8,080	1,240	N/D	1,640
June 9, 2014	9:15 AM	123.0	8.3	15.7	60.3	7.5	8.3	8.3	621	604	0.0012	939
July 7, 2014	9:30 AM	5.9	8.2	24.3	75.7	6.4	8.2	6.9	12	2,440	0.0029	3,010
August 18, 2014	9:15 AM	15.1	8.3	21.8	71.2	6.9	8.3	7.5	46	1,850	0.0031	2,360
September 15, 2014	9:15 AM	21.4	8.3	17.1	62.8	7.4	8.2	7.5	292	1,740	0.0028	2,230
October 14, 2014	9:30 AM	22.7	8.4	9.7	49.5	8.7	8.4	8.3	32	1,820	0.0032	2,370
November 10, 2014	9:30 AM	16.3	8.4	5.0	41.0	N/A	8.3	9.7	15	2,040	0.0032	2,500
December 15, 2014	9:30 AM	26.0	7.7	0.4	32.7	11.7	8.3	9.3	9	1,510	0.0041	3,210
January 20, 2015	9:15 AM	20.0	8.3	4.3	39.7	11.3	8.4	10.6	26	1,650	0.0026	2,080
February 17, 2015	9:30 AM	27.7	8.3	8.1	46.6	11.1	8.1	7.6	18	1,690	0.0028	2,280
March 16, 2015	9:45 AM	36.4	8.2	17.1	62.8	9.3	8.3	8.6	15	1,670	0.0024	2,160
April 20, 2015	9:30 AM	9.2	8.0	17.3	63.1	8.1	8.2	8.5	9	4,720	0.0039	5,260
May 18, 2015	9:45 AM	42.1	8.0	22.8	73.0	7.8	7.7	8.0	925	2,020	N/D	2,400
June 15, 2015	9:45 AM	75.0	8.6	24.4	75.9	7.0	8.2	7.4	874	796	0.0011	1,110
July 20, 2015	9:30 AM	34.0	8.2	26.6	79.9	6.8	8.0	7.5	446	1,760	0.0033	2,280
August 18, 2015	10:15 AM	11.0	8.4	21.3	70.3	7.2	8.2	7.6	42	1,840	0.0024	2,470
September 21, 2015	9:30 AM	16.4	8.4	26.4	79.5	8.1	8.2	8.2	174	1,820	0.0028	2,430
October 26, 2015	9:45 AM	60.0	8.3	11.2	52.2	8.3	8.2	8.9	146	1,990	0.0038	2,400
November 24, 2015	9:45 AM	20.0	8.3	16.0	60.8	11.1	8.1	10.0	51	3,090	0.0040	3,570
December 15, 2015	9:45 AM	20.0	8.4	0.2	32.4	N/A	8.1	11.1	36	2,890	0.0043	3,340

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				Water Temp	Water Temp	Dissolved Oxygen	PH	Dissolved Oxygen	Total Suspended Solids	Total Dissolved Solids	Selenium	Spec. Conductivity
<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>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>umhos/cm</u>
January 19, 2016	10:00 AM	20.0	7.9	0.0	32.0	11.0	8.1	10.0	16	2,820	0.0047	3,380
February 8, 2016	9:30 AM	20.0	7.6	0.0	32.0	11.0	8.1	10.9	12	2,950	0.0044	3,420
March 21, 2016	9:45 AM	33.5	7.8	8.2	46.8	8.7	8.3	9.3	38	1,680	0.0031	2,340
April 18, 2016	9:30 AM	11.5	7.4	9.8	49.6	8.5	8.2	8.5	13	2,540	0.0035	3,100
May 16, 2016	9:45 AM	19.2	7.5	15.3	59.5	7.0	8.3	8.6	135	1,880	0.0025	2,300
June 13, 2016	9:30 AM	14.8	6.0	19.3	66.7	6.8	8.3	7.7	72	1,520	0.0024	2,090
July 11, 2016	10:00 AM	3.4	N/A	20.8	69.4	6.8	8.3	7.0	35	1,560	0.0026	1,910
August 15, 2016	9:00 AM	8.7	7.0	20.2	68.4	6.6	8.2	7.2	33	1,330	0.0019	1,690
September 12, 2016	9:15 AM	13.9	8.3	15.0	59.0	7.8	8.3	8.2	86	1,530	0.0023	1,980
October 17, 2016	9:30 AM	25.5	8.2	12.8	55.0	7.8	8.2	9.9	41	2,350	0.0028	2,820
November 14, 2016	9:15 AM	19.6	8.1	6.1	43.0	9.6	8.3	9.5	22	2,950	0.0029	3,270
December 19, 2016	9:15 AM	14.0	7.6	0.1	32.2	10.8	8.2	8.7	34	3,170	0.0039	3,430

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