

### SAN RAFAEL RIVER SITE NO. 4

<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</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>
April 12, 2010	8:30 AM	24.7	8.4	8.7	47.7	9.6	8.1	6.2	35	3,560	0.0051	4,080
May 10, 2010	8:30 AM	20.2	8.4	11.3	52.3	8.7	8.2	8.0	36	3,430	0.0039	3,790
June 14, 2010	9:30 AM	200.0	8.3	13.3	55.9	8.1	8.0	7.7	6,190	792	N/D	1,090
July 12, 2010	9:00 AM	9.5	8.4	19.4	66.9	7.8	8.1	6.6	14	2,400	0.0027	2,770
August 16, 2010	9:00 AM	12.7	8.3	19.5	67.1	7.2	8.2	6.2	64	3,050	0.0027	3,430
September 13, 2010	8:30 AM	17.6	8.4	13.1	55.6	8.2	8.3	7.0	39	2,220	0.0009	2,520
October 11, 2010	9:00 AM	39.5	8.4	10.3	50.5	9.1	8.2	8.1	316	1,820	0.0011	2,240
November 16, 2010	8:30 AM	31.0	8.4	1.8	35.2	11.4	8.1	10.0	123	2,400	0.0030	2,740
December 13, 2010	8:30 AM	27.7	8.6	0.0	32.0	12.4	8.5	9.8	39	2,390	0.0033	2,720
January 17, 2011	8:30 AM	27.7	8.3	0.0	32.0	12.1	8.0	7.6	30	3,450	0.0039	3,830
February 14, 2011	9:00 AM	27.7	8.7	-0.10	31.8	12.0	8.1	8.9	66	2,540	0.0029	3,120
March 8, 2011	9:00 AM	25.2	8.6	1.9	35.4	11.9	8.4	9.9	141	3,290	0.0046	3,640
April 12, 2011	9:30 AM	200.0	8.5	5.6	42.1	11.0	8.4	8.1	401	522	0.0008	845
May 16, 2011	8:30 AM	290.0	8.4	10.5	50.9	8.8	8.3	7.6	1,390	596	0.0011	904
June 13, 2011	8:30 AM	1,160.0	8.2	13.1	55.6	8.1	8.2	7.9	407	528	0.0008	710
July 12, 2011	10:30 AM	1,160.0	8.3	16.7	62.1	7.7	8.1	7.7	471	556	0.0014	810
August 9, 2011	8:30 AM	60.0	8.3	18.9	66.0	7.3	8.3	6.4	78	2,080	0.0024	2,370
September 12, 2011	9:30 AM	92.0	8.3	16.0	60.8	8.0	8.4	7.6	111	1,550	0.0020	1,980
October 10, 2011	9:30 AM	92.0	8.4	8.0	46.4	9.5	8.2	9.3	905	1,590	0.0022	1,900
November 8, 2011	8:30 AM	80.0	8.6	1.2	34.2	11.5	8.3	8.8	75	1,680	0.0025	2,060
December 19, 2011	8:30 AM	80.0	8.6	-0.10	31.8	11.9	8.2	10.0	18	1,960	0.0030	2,040

\* ND = Not detected at the corresponding Minimum Reporting Limit.

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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>umhos/cm</u>
January 16, 2012	8:30 AM	80.0	8.6	-0.1	31.8	11.6	8.1	11.2	13	2,520	0.0052	3,200
February 13, 2012	9:00 AM	45.0	8.5	-0.1	31.8	12.1	8.3	8.9	30	2,110	0.0064	2,620
March 5, 2012	9:00 AM	40.0	8.5	1.1	34.0	11.5	8.3	8.7	109	2,660	0.0048	2,900
April 9, 2012	9:00 AM	18.8	8.2	8.5	47.3	9.5	8.3	7.9	25	3,520	0.0050	3,930
May 15, 2012	9:00 AM	17.4	8.2	15.2	59.4	7.7	8.2	7.2	38	2,710	0.0052	3,170
June 13, 2012	9:30 AM	15.8	8.3	18.1	64.6	7.4	8.2	6.6	26	2,450	0.0053	2,920
July 17, 2012	9:00 AM	15.2	8.3	19.3	66.7	7.1	8.2	8.8	640	3,780	0.0054	4,290
August 13, 2012	9:00 AM	7.5	8.3	22.0	71.6	7.0	8.4	7.3	36	1,780	0.0043	2,280
September 10, 2012	9:00 AM	7.7	8.3	16.1	61.0	7.9	8.4	8.5	132	2,240	0.0053	2,700
October 15, 2012	9:00 AM	30.0	8.5	9.0	48.2	9.4	8.4	9.4	1,020	1,410	N/D	1,940
November 12, 2012	8:30 AM	10.0	8.8	-0.1	31.8	12.5	8.4	10.5	44	2,030	0.0040	2,450
December 17, 2012	9:00 AM	20.0	8.5	-0.1	31.8	10.9	8.2	10.0	17	2,790	0.0060	3,040
January 14, 2013	9:00 AM	20.0	7.9	-0.1	31.8	9.6	8.0	10.8	17	3,680	0.0045	3,900
February 12, 2013	8:30 AM	20.0	8.2	-0.1	31.8	10.2	8.0	9.8	43	3,690	0.0076	1,730
March 11, 2013	9:00 AM	20.9	8.3	0.5	32.9	10.5	8.2	8.6	178	3,280	0.0090	3,800
April 22, 2013	9:00 AM	21.6	8.5	10.7	51.3	8.3	8.5	8.6	26	2,240	0.0035	2,580
May 13, 2013	9:00 AM	11.3	8.4	16.6	61.9	7.0	8.3	6.7	136	3,150	0.0046	3,430
June 10, 2013	8:30 AM	8.6	8.4	19.9	67.8	6.4	8.5	8.4	27	1,940	0.0042	2,130
July 22, 2013	9:00 AM	3.7	8.4	21.3	70.3	6.3	8.4	7.2	136	1,350	N/D	1,770
August 19, 2013	8:30 AM	18.6	8.4	18.6	65.5	6.8	8.2	7.3	2,280	892	N/D	1,420
November 18, 2013	8:30 AM	15.2	8.6	1.2	34.2	10.6	8.2	9.9	16	2,920	0.0046	2,980
December 9, 2013	8:30 AM	15.2	8.7	0.0	32.0	11.2	8.2	10.4	30	2,200	0.0036	2,670

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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	8:30 AM	15.2	8.6	0.0	32.0	10.7	8.1	10.3	18	2,570	0.0042	2,760
February 18, 2014	8:00 AM	15.2	8.6	0.1	32.2	10.1	8.3	9.6	13	2,780	0.0043	2,770
March 17, 2014	8:15 AM	15.9	8.6	5.6	42.1	9.1	8.3	9.5	26	1,940	0.0033	2,090
April 14, 2014	8:00 AM	9.5	8.7	8.1	46.6	8.4	8.1	7.9	9	3,560	0.0053	3,700
May 12, 2014	8:00 AM	60.4	8.4	7.5	45.5	9.2	8.3	8.8	290	2,270	0.0029	2,660
June 9, 2014	8:00 AM	123.0	8.7	15.3	59.5	7.5	8.3	8.2	329	736	0.0013	1,090
July 7, 2014	8:00 AM	6.2	8.3	21.7	71.1	6.2	8.3	6.8	14	2,390	0.0032	3,050
August 18, 2014	8:00 AM	14.1	8.5	20.4	68.7	6.7	8.3	7.6	38	2,360	0.0039	2,920
September 15, 2014	8:00 AM	19.3	8.5	15.6	60.1	7.4	8.2	7.5	98	1,660	0.0028	2,190
October 14, 2014	8:00 AM	26.7	8.7	8.7	47.7	8.7	8.3	8.4	46	2,140	0.0038	2,700
November 10, 2014	8:00 AM	16.9	8.5	3.7	38.7	N/A	8.2	9.8	26	2,570	0.0040	3,090
December 15, 2014	8:00 AM	26.0	8.3	0.1	32.2	11.3	8.3	9.0	14	2,230	0.0044	3,150
January 20, 2015	8:00 AM	20.0	8.2	0.7	33.3	11.2	8.4	10.8	64	1,610	0.0024	1,980
February 17, 2015	8:00 AM	34.0	7.6	8.0	46.4	11.0	8.1	7.5	37	1,740	0.0030	2,370
March 16, 2015	8:15 AM	38.4	8.4	15.0	59.0	9.0	8.3	8.7	22	1,520	0.0018	1,940
April 20, 2015	8:15 AM	9.3	8.4	17.0	62.6	7.8	8.2	8.4	20	3,420	0.0035	4,080
May 18, 2015	8:15 AM	37.6	8.3	21.0	69.8	7.7	8.2	8.0	226	2,170	0.0024	2,410
June 15, 2015	8:30 AM	75.0	8.6	23.3	73.9	7.3	8.3	7.3	572	840	0.0013	1,150
July 20, 2015	8:15 AM	25.7	8.6	25.0	77.0	7.1	8.2	7.5	152	1,520	0.0029	1,950
August 18, 2015	8:30 AM	13.7	8.5	19.1	66.4	7.1	8.2	7.5	26	1,940	0.0025	2,650
September 21, 2015	8:15 AM	19.1	8.4	23.8	74.8	8.1	8.2	8.1	117	1,750	0.0025	2,310
October 26, 2015	8:30 AM	60.0	8.6	10.6	51.1	8.5	8.2	8.9	144	1,930	0.0032	2,400
November 23, 2015	8:30 AM	20.0	8.2	15.0	59.0	11.6	8.1	10.1	40	2,740	0.0042	3,450
December 15, 2015	8:30 AM	20.0	8.5	0.0	32.0	N/A	8.1	11.0	30	2,870	0.0040	3,280

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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	8:30 AM	20.0	8.3	0.0	32.0	10.9	8.0	9.9	18	2,880	0.0054	3,420
February 8, 2016	8:15 AM	20.0	8.3	0.0	32.0	10.4	8.0	10.8	13	3,040	0.0046	3,500
March 21, 2016	8:30 AM	39.0	7.9	7.1	44.8	8.8	8.2	9.1	40	1,780	0.0032	2,370
April 18, 2016	8:30 AM	7.4	8.4	8.1	46.6	8.5	8.2	8.5	22	2,180	0.0036	2,680
May 16, 2016	8:30 AM	28.8	8.2	13.9	57.0	7.5	8.3	8.4	60	2,210	0.0027	2,650
June 13, 2016	8:15 AM	14.8	8.3	19.2	66.6	6.5	8.3	7.8	508	1,510	0.0021	1,960
July 11, 2016	8:30 AM	1.9	7.0	17.3	63.1	7.0	8.3	7.1	40	1,720	0.0024	2,080
August 15, 2016	8:00 AM	13.0	8.4	18	64.4	6.8	8.3	7.4	50	1,550	0.0016	1,900
September 12, 2016	7:45 AM	10.8	8.3	13.8	56.8	7.4	8.3	8.3	35	1,220	0.0019	1,670
October 17, 2016	8:15 AM	23.6	8.2	11	51.8	8.0	8.2	9.9	30	2,420	0.0031	2,850
November 14, 2016	8:00 AM	19.9	8.3	5	41.0	9.7	8.3	9.7	18	2,950	0.0034	3,280
December 19, 2016	8:15 AM	14.0	7.8	0	32.0	11.7	8.2	8.9	24	3,440	0.0054	3,780

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