

SAN RAFAEL RIVER SITE NO. 3

<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>
				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>
September 16, 2009	3:00 PM	203	8.2	17.9	64.2	N/A	7.2	3.3	35,900	1,910	0.0038	N/A
October 12, 2009	2:30 PM	21.9	9.1	14.0	57.2	N/A	8.0	7.4	122	2,870	0.0033	N/A
November 16, 2009	2:00 PM	25.0	9.1	5.2	41.4	N/A	7.8	8.4	45	2,850	0.0028	N/A
December 15, 2009	1:00 PM	25.0	8.3	-0.03	31.9	N/A	7.4	9.1	24	3,480	0.0032	N/A
January 11, 2010	1:00 PM	25.0	8.0	-0.02	32.0	N/A	7.3	10.2	29	2,700	0.0025	N/A
February 15, 2010	1:00 PM	25.0	8.6	-0.10	31.8	N/A	7.6	8.5	202	2,230	0.0020	N/A
March 8, 2010	2:00 PM	80.0	9.3	6.1	43.1	N/A	8.0	8.3	6,640	934	0.0005	1,310
April 12, 2010	4:00 PM	31.2	8.2	17.4	63.3	9.1	8.0	6.1	75	3,950	0.0040	4,290
May 10, 2010	4:00 PM	20.4	8.1	21.4	70.5	8.2	8.0	8.0	16	3,650	0.0036	4,090
June 14, 2010	3:30 PM	62.0	8.2	21.9	71.4	7.5	8.1	8.0	1,770	1,090	0.0014	1,400
July 12, 2010	4:00 PM	14.6	8.2	31.7	89.1	7.3	8.0	6.7	27	2,840	0.0023	3,250
August 16, 2010	N/A	STORMS ROAD UNACCESSABLE										
September 13, 2010	4:00 PM	4.7	8.1	27.7	81.9	6.9	8.1	6.9	306	4,740	0.0011	4,900
October 11, 2010	4:30 PM	60.0	8.0	15.7	60.3	8.1	7.8	7.6	16,400	1,910	N/D	2,310
November 16, 2010	3:30 PM	31.2	8.4	7.4	45.3	10.1	8.2	10.0	832	2,700	0.0024	3,100
December 13, 2010	4:00 PM	27.7	8.4	2.4	36.3	11.8	8.5	9.8	272	2,220	0.0025	2,560
January 17, 2011	3:00 PM	27.7	8.1	0.3	32.5	10.7	7.8	7.6	52	4,160	0.0035	4,400
February 14, 2011	3:00 PM	27.7	8.2	1.4	34.5	12.0	8.0	9.2	927	3,040	N/D	3,610
March 8, 2011	4:00 PM	18.1	8.3	10.2	50.4	10.2	8.2	9.4	560	3,210	0.0046	3,530
April 12, 2011	4:00 PM	140.0	8.4	16.0	60.8	10.1	8.4	8.2	943	604	0.0009	916
May 16, 2011	4:00 PM	250.0	8.3	17.2	63.0	8.2	8.4	7.8	1,490	734	0.0013	1,090
June 13, 2011	3:00 PM	1,150.0	8.1	19.7	67.5	7.1	8.1	7.5	874	564	0.0012	870
July 12, 2011	4:00 PM	1,150.0	7.9	22.8	73.0	6.0	7.9	7.3	1,580	950	0.0022	1,220
August 9, 2011	3:00 PM	90.0	7.9	23.2	73.8	7.1	8.0	6.3	2,000	2,580	0.0017	3,000
September 12, 2011	4:00 PM	100.0	8.1	22.2	72.0	7.4	8.2	7.6	2,540	2,040	0.0015	2,410
October 10, 2011	4:00 PM	100.0	8.0	12.4	54.3	9.0	8.0	8.8	308	1,850	0.0013	2,140
November 8, 2011	3:30 PM	60.0	8.3	6.2	43.2	10.8	8.2	9.3	106	2,430	0.0027	2,760
December 19, 2011	4:00 PM	60.0	8.4	0.6	33.1	11.7	8.2	9.9	158	2,170	0.0029	1,750

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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	3:30 PM	60.0	8.1	0.3	32.5	11.7	8.1	11.2	98	2,940	0.0042	3,400
February 13, 2012	3:30 PM	35.0	8.3	5.0	41.0	11.5	8.3	9.0	142	2,520	0.0052	3,050
March 5, 2012	4:30 PM	30.0	8.2	9.2	48.6	10.5	8.2	8.5	57	2,910	0.0050	3,120
April 9, 2012	6:00 PM	18.0	8.1	17.8	64.0	8.8	8.1	7.8	12	3,600	0.0045	3,850
May 15, 2012	4:30 PM	14.2	8.0	25.9	78.6	7.9	8.1	7.4	6	4,760	0.0046	5,000
June 13, 2012	4:00 PM	5.5	7.9	29.3	84.7	7.6	8.0	6.8	4	5,250	0.0096	5,650
July 17, 2012	3:30 PM	20.0	7.7	28.9	84.0	6.6	7.7	7.6	16,100	1,420	0.0011	1,790
August 13, 2012	4:00 PM	20.0	8.0	28.5	83.3	6.6	8.2	6.8	6,320	2,290	0.0020	2,530
September 10, 2012	4:30 PM	8.1	8.1	27.2	81.0	8.5	8.1	8.6	158	2,510	0.0075	2,930
October 15, 2012	4:00 PM	70.0	7.9	14.1	57.4	7.9	7.8	7.8	47,900	1,670	N/D	2,420
November 12, 2012	4:00 PM	30.0	8.3	2.9	37.2	12.0	8.3	10.1	765	2,480	0.0032	2,830
December 17, 2012	3:30 PM	20.0	8.4	3.5	38.3	10.6	8.2	10.0	107	3,320	0.0067	3,430
January 14, 2013	4:30 PM	20.0	7.6	-0.1	31.8	10.5	7.3	10.6	11	4,360	0.0037	4,400
February 12, 2013	4:00 PM	20.0	8.4	-0.1	31.8	10.8	8.1	9.9	793	2,720	0.0029	2,790
March 11, 2013	4:00 PM	75.0	8.1	9.4	48.9	8.6	8.0	8.2	12,600	2,800	N/D	3,000
April 22, 2013	5:00 PM	19.4	8.2	20.3	68.5	7.5	8.3	8.5	152	3,520	0.0047	3,860
May 13, 2013	4:00 PM	9.9	8.1	27.8	82.0	7.2	8.1	7.1	230	2,900	0.0032	3,100
June 10, 2013	4:00 PM	0.63	8.1	28.2	82.8	6.3	8.3	8.7	11	8,060	0.0094	7,100
July 22, 2013	4:00 PM	30.0	7.9	29.9	85.8	4.9	7.9	6.6	31,000	1,060	N/D	1,410
August 19, 2013	3:30 PM	5.0	8.0	31.9	89.4	6.5	8.1	7.3	14	3,200	0.0036	3,920
November 18, 2013	4:00 PM	14.0	8.1	6.6	43.9	10.0	8.2	9.6	52	3,200	0.0040	3,260
December 9, 2013	2:00 PM	14.0	7.7	0.0	32.0	11.7	8.0	10.4	46	4,120	0.0050	4,260

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				Water Temp	Water Temp	Dissolved Oxygen		Dissolved Oxygen	Total Suspended Solids	Total Dissolved Solids	Selenium	Spec. Conductivity
						<i>Do</i>	<i>units</i>	<i>Do</i>	<i>Tss</i>	<i>Tds</i>	<i>Se</i>	<i>umhos/cm</i>
<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>mg/l</u>		<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	
January 13, 2014	1:30 PM	14.0	8.3	0.0	32.0	10.3	7.8	10.0	28	3,540	0.0036	3,840
February 18, 2014	1:30 PM	43.2	7.8	4.4	39.9	10.8	8.2	9.4	428	2,270	0.0041	2,400
March 17, 2014	2:30 PM	30.2	8.0	12.7	54.9	9.0	8.2	9.5	127	3,300	0.0049	3,580
April 14, 2014	1:45 PM	10.7	7.7	15.8	60.4	8.9	8.0	8.0	12	4,250	0.0050	4,200
May 12, 2014	2:15 PM	N/A	7.1	13.8	56.8	8.6	8.3	8.7	2,980	976	0.0098	1,320
June 9, 2014	1:45 PM	123.0	8.3	20.2	68.4	7.2	8.2	8.2	1,020	624	0.0012	929
July 7, 2014	2:00 PM	8.6	8.0	32.6	90.7	6.3	8.1	7.0	21	3,100	0.0033	3,850
August 18, 2014	2:30 PM	21.6	8.1	28.3	82.9	6.8	8.3	7.5	63	2,140	0.0036	2,680
September 15, 2014	2:00 PM	27.9	8.1	23.5	74.3	7.0	8.0	7.5	1,560	1,740	0.0025	2,190
October 14, 2014	2:30 PM	40.1	8.2	14.6	58.3	8.3	8.3	8.4	283	2,160	0.0035	2,750
November 10, 2014	10:48 AM	26.9	7.8	8.8	47.8	N/A	8.2	9.8	100	2,760	0.0038	3,260
December 15, 2014	2:00 PM	28.8	7.4	3.6	38.5	11.6	8.2	9.6	67	3,980	0.0037	3,170
January 20, 2015	1:45 PM	25.0	7.7	6.1	43.0	11.4	8.3	11.1	67	1,820	0.0024	2,270
February 17, 2015	2:15 PM	36.2	7.0	13.0	55.4	10.4	8.1	7.6	123	2,180	0.0029	2,750
March 16, 2015	2:15 PM	38.4	8.0	19.8	67.6	8.8	8.2	8.6	270	2,040	0.0021	2,510
April 20, 2015	2:00 PM	7.1	7.8	27.0	80.6	8.1	8.0	8.4	7	4,520	0.0034	5,050
May 18, 2015	2:15 PM	50.0	8.0	23.5	74.3	7.6	8.1	7.7	2,170	1,980	N/D	2,400
June 15, 2015	2:00 PM	100.0	8.1	28.0	82.4	6.7	8.0	6.2	2,400	1,090	N/D	1,400
July 20, 2015	1:45 PM	46.0	7.9	29.0	84.2	6.6	7.9	7.4	3,150	1,960	0.0032	2,390
August 18, 2015	2:15 PM	12.7	7.7	29.3	84.7	6.9	7.9	7.6	388	2,470	0.0039	3,070
September 21, 2015	2:15 PM	20.1	8.2	30.5	86.9	7.7	8.1	8.2	127	2,310	0.0027	2,710
October 26, 2015	2:00 PM	60.0	7.8	18.0	64.4	8.1	8.0	8.4	2,040	820	0.0032	2,120
November 23, 2015	1:45 PM	20.0	7.8	17.0	62.6	11.0	8.0	10.2	336	2,980	0.0031	3,380
December 15, 2015	2:00 PM	20.0	7.8	2.5	36.5	N/A	8.0	10.9	344	3,030	0.0042	3,410

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				Water Temp	Water Temp	Dissolved Oxygen	PH	Dissolved Oxygen	Total Suspended Solids	Total Dissolved Solids	Selenium	Spec. Conductivity
						<i>Do</i>		<i>Do</i>	<i>Tss</i>	<i>Tds</i>	<i>Se</i>	
<u>Date</u>	<u>Time</u>	<u>CFS</u>	<u>pH</u>	<u>C°</u>	<u>F°</u>	<u>mg/l</u>	<u>units</u>	<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>	<u>umhos/cm</u>
January 19, 2016	2:00 PM	20.0	7.8	6.4	43.5	11.0	8.0	10.0	138	3,030	0.0043	3,590
February 8, 2016	1:30 PM	20.0	7.7	0.0	32.0	11.0	8.0	10.8	409	3,930	0.0050	4,160
March 21, 2016	1:45 PM	12.0	7.6	12.0	53.6	8.9	8.2	9.2	1,460	2,440	0.0031	3,260
April 18, 2016	1:15 PM	14.2	7.8	17.2	63.0	8.1	8.1	8.8	50	3,820	0.0039	4,310
May 16, 2016	1:15 PM	21.9	6.7	19.6	67.3	7.8	8.2	8.6	192	3,350	0.0031	3,720
June 13, 2016	1:00 PM	9.3	7.0	23.5	74.3	7.5	8.2	7.7	28	2,950	0.0034	3,460
July 11, 2016	2:00 PM	4.5	N/A	27.0	80.6	7.0	8.1	6.6	124	1,610	0.0026	2,050
August 15, 2016	1:15 PM	0.8	7.0	27.0	80.6	7.3	8.1	7.3	40	2,180	0.0022	2,440
September 12, 2016	1:30 PM	7.6	8.1	22.7	72.9	7.3	8.0	7.8	418	1,840	0.0027	2,270
October 17, 2016	1:30 PM	15.0	8.1	14.5	58.1	7.8	8.0	9.8	606	3,000	0.0022	3,370
November 14, 2016	1:30 PM	25.7	7.8	8.5	47.3	9.8	8.2	9.5	135	3,300	0.0030	3,660
December 19, 2016	1:15 PM	14.0	6.1	0.6	33.1	11.4	8.1	9.0	65	3,990	0.0041	4,220

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