

California Department of Fish and Game - Region 3 Stream Flow Measurement

Gaging of Sonoma Creek, Sonoma County At, near ~~At Bridge~~ [500 yd below] in town of Glen Ellen

Date: 7 / 26 19 61 Time 1600 A.T. 68°F W.T. 69°F Meter No. 601925 Pygmy

Measured by : RF Notes by _____ Comp. by _____ Checked by _____

Method (.6) .2, .8, other : _____ Gage Height -- Location _____

Dist fr init Pt	Width Ft.	Depth in Ft.		Revolutions	Time Sec.	Velocity Mean in Sec.	Area Sq. Ft.	Q.	Remarks
		Total	of Obs						
.25	.5	.2	.08	6	60	.2	.10	.02	<i>Sta Width 8"</i>
.75		.2	.08	6		.2	.10	.02	
1.25		.2	.08	8		.2	.10	.02	<i>This flow was taken</i>
1.75		.3	.12	12		.3	.15	.05	<i>in riffle area</i>
2.25		.3	.12	22		.3	.15	.05	
2.75		.3	.12	27		.3	.15	.05	<i>Silt and algae covering</i>
3.25		.4	.16	28		.4	.20	.08	<i>at least 1/3 bottom of</i>
3.75		.4	.16	30		.4	.20	.08	<i>stream, except in riffle</i>
4.25		.4	.16	35		.4	.20	.08	<i>areas.</i>
4.75		.4	.16	36		.4	.20	.08	
5.25		.4	.16	28		.4	.20	.08	<i>water not clear except in</i>
5.75		.4	.16	18		.4	.20	.08	<i>riffle area</i>
6.25		.5	.2	14		.5	.25	.13	
6.75		.4	.16	8		.4	.20	.08	<i>netted 12 SH in riffle</i>
7.25		.3	.12	6		.3	.15	.05	<i>area, size 2'.</i>
7.75		.2	.08	0		.0	.10	.0	
	▼				▼				<i>saw 3 to 5 Larger SH, size 5" to 6"</i>
									<i>in Larger pools</i>
<i>This creek is dry along the area near the town of Boyes Springs and Agua Caliente Grant. with the exception of small pools covered with algae.</i>									<i>Counted four small dams made of rocks + dirt .5 mi along this area</i>
									<i>Residents pump water heavily out of this stream</i>
		5.30							
7.5	Total			284		5.1	2.65	.95	<i>A land owner told of people using</i>

5.0
.33

.32

6" pipe to pump water out of this stream

Sheet No. 26

Co. Sonoma

Stream 548

Trib. - SAN PABLO BAY

Location - T. 6N R. 6W. Sec 16 Santa Rosa Quad.

25
15

10.5
25

35.5

15
.5

8.5

