Table 1. 2013 Water Supply Forecast

SCWD Production Forecast (million gallons)	April	May	June	July	Aug	Sep	Oct	Total
North Coast (gross production)	37	55	54	50	47	46	51	340
North Coast (net production)	31	47	46	43	40	39	43	289
San Lorenzo River	225	147	200	155	153	153	232	1,265
Live Oak Wells	24	24	24	24	24	24	24	168
Total Production without Lake	280	218	270	222	217	216	299	1,722
Projected System Demand	235	305	326	344	333	305	288	2,136
Lake Production Needed to Meet Demand		**87**	**56**	**122**	**116**	**89**	**0**	**470**
Evaporation (feet)	0.2	0.3	0.3	0.4	0.4	0.3	0.2	2.1
Evaporation (mil gal)	11	14	14	18	16	11	6	90
Fish Release (mil gal)	21	21	21	21	21	21	21	147
Beginning Lake Volume	**2,830**	**2,798**	**2,676**	**2,585**	**2,423**	**2,270**	**2,150**	
End of Month Lake Volume	**2,798**	**2,676**	**2,585**	**2,423**	**2,270**	**2,150**	**2,123**	
End of Month Lake Elevation (ft above msl)	**576.8**	**574.7**	**573.1**	**570.0**	**567.0**	**564.6**	**564.1**	
Monthly change in elevation	0.8	-2.1	-1.6	-3.1	-3.0	-2.4	-0.5	
Cumulative change in elevation	0.8	-1.3	-2.9	-6.0	-9.0	-11.4	-11.9	
Percent of capacity (%)	98.9	94.6	91.3	85.6	80.2	76.0	75.0	

North Coast Gross: Liddell assumed to produce 700 gpm (1.0 mgd), Majors production equal to that in 2012, Zero production assumed from Laguna Creek.

North Coast Net: Losses and raw water sales to agriculture assumed to be 15% of gross.

San Lorenzo River forecast flow (see below) based on Critically Dry, 50% exceedance (most closely resembles current flow level)

Releases: Rearing Baseflow exceedence category 4

Projected system demand based on 2012 actual figures with 5% use curtailment in place

Assumptions for Loch Lomond Reservoir include: starting elev at 577.3 (100%), no additional pumping from Felton Diversion, & no significant natural inflow after March.

Projected San Lorenzo River Flow , 2013	29	21	15	10	10	10	16
Additional Inflow below Felton	2.0	1.6	1.3	1.0	0.9	0.9	1.0
Flow at Tait St Diversion	31.0	22.6	16.3	11.0	10.9	10.9	17.0
Release - Category 4	15.8	15.0	6.0	3.0	3.0	3.0	3.0
Available Flow	15.2	7.6	10.3	8.0	7.9	7.9	14.0
Production (mg)	225	147	200	155	153	153	232