Cachuma Project Water Rights Hearing

November 2003

Rebuttal Testimony

Presenter:

Scott Engblom

Project/Fisheries Biologist

Cachuma Conservation Release Board/ID#1



Management Reach Overflight Observations

- Highway 154 Compliance Point
 - Hwy 154 Reach is flowing
 - Current target flow 1.5 cfs
 - September releases 4 cfs
 - Gravel bar at Hwy 154 Bridge only dry location





Highway 154 Bridge



SYR Above Lake Cachuma



SYR Above Gibraltar







Highway 154 Bridge





Highway 154 Bridge



SYR Above Lake Cachuma



SYR Above Gibraltar







Management Reach





Highway 154 Bridge



SYR Above Lake Cachuma



SYR Above Gibraltar







SYR Above Lake Cachuma





Highway 154 Bridge



SYR Above Lake Cachuma



SYR Above Gibraltar







SYR Above Gibraltar



Upper Basin Overflight

- Upper Basin Conditions
 - Mainstem is mostly dry except:
 - Red Rock area
 - Bedrock pools
 - Short segment below Juncal Dam
 - Most upper tributaries are dry in their lower reaches





Highway 154 Bridge



SYR Above Lake Cachuma



SYR Above Gibraltar





