EXHIBIT D

EXISTING & PROPOSED DESALINATION

Existing & Proposed Desalination Plants in California. Status Update August 2008											
Operator	**Location**	**Co-located?**	**Max Capacity MGD**	**Max Capacity (m3/d)**	**Intake**	**Discharge**	**Status**	**Acre feet per day**	**Acre feet per year**	**GHG in pounds of CO2 equivalance at 780 lb/KWh (assumes 4.4 KWh/acre ft)**	**Tons of CO2**
Marin Municipal Water District	San Rafael	No	15	38,000 to 57,000	Surface	Mixed with WW	pilot plant completed; Engineering report on pilot plant released in '06; cost estimate $2000-$3000/AF; EIR due out in Spring 2007	46	16,790	57,623,280.0	26,133.0
EBMUD/SFPUC/Contra Costa Water District/Santa Clara Valley Water District	Pittsburg/ Oakland/ Oceanside	Likely	50	450,000	Surface	Not known	planning to build pilot plant at Contra Costa Mallard Slough pumping plant; in contracting phase; pilot test will run through 2008 and into 2009	153	56,000	192,192,000.0	87,162.0
East Bay MUD	Crockett	No	2	7,600	Surface	N/A	received Prop.50 funding to build the plant; internal discussion about implementation scheduling; no plans for pilot test but may do bench scale testing	6.1	2,241	7,691,112.0	3,488.0
Montara Water and Sanitary District	Montara	No	N/A	N/A	N/A	N/A	conducting feasibility study; draft sometime this summer				
City of Santa Cruz	Santa Cruz	No	3	9,500, possible expansion to 17,000	Surface	Mixed with WW	pilot plant to begin in summer '07 and continue for 12 months; technical review/design in 2008; EIR in 2009; if approved, construction in 2010-2011	9.2	3,361	11,534,952.0	5,231.3
California American Water Company	Moss Landing	Yes	12	42,000 to 45,000	Surface	Surface	EIR expected this summer; received permits for pilot plant; desal response group sued but didn't get injunction to stop the pilot plant; got permits from Central Coast Regional Water Quality Control Board	36.8	13,443	46,136,376.0	20,923.5
Pajaro-Sunny Mesa/Poseidon	Moss Landing	Yes	25	76,000 to 95,000	Surface	Surface	Completed pilot plant? Next step would be to prepare EIR	76.7	28,003	123,213.2	55.9
City of Sand City	Sand City	No	0.3	1,100	Subsurface	Subsurface	Received Prop. 50 for construction; have Coastal Development Permit but will need to get extension; enginner working w/State Water Resources Control Board and awaiting permit from DHS	0.9	336	1,153,152.0	523.0
Monterey Peninsula Water Management District	Sand City	No	8	30,000	Subsurface	Subsurface	still on-hold; put on-hold b/c wasn't large enough to meet SWRCB Order 95-10	24.6	8,961	30,754,152.0	13,947.5
Marina Coast Water District	Marina	No	1.5		Subsurface	Subsurface	have pilot plant that was constructed a while back, but don't plan on firing it up; completed pre-design report; do not need water right away and thus is sitting back to see if a regional plant with Cal-Am makes more sense	4.6	1,679	5,762,328.0	2,613.3
Ocean View Plaza	Cannery Row	No	0.05	190	Surface	Surface	submitted coastal permit application to Coastal Commission in 12/2006; have not been put on an agenda yet	0.15	55	188,760.0	85.6
Cambria Community Services District/Department of the Army	Cambria	No	0.5	1,900	Subsurface	Subsurface	Coastal Commission delayed ruled on whether District can conduct geotechnical investigations b/c may require an amendment to the local coastal plan; investigation of the beach will continue after CC reconvenes and the snowy plover nesting season is over	1.5	558	1,915,056.0	8,684.8

Arroyo Grande/Grover Beach/Oceano Community Services District	Oceano	No	2	7,600	Subsurface	Mixed with WW	conducting feasibility studies	6.1	2,241	7,691,112.0	3,488.0
Los Angeles Deptartment of Water and Power	Playa Del Rey	Yes	25	45,000 to 95,000	Surface	Mixed w/cooling water or WW	completed fatal flaw analysis; trying to get approval from Board for a pilot plant; hoping to go to Board in a month or two	76.7	28,003	96,106,296.0	43,585.6
West Basin Municipal Water District	El Segundo	Yes	20	76,000	Surface	Surface	pilot plant running since 5/02; will run into 2008 or 2009; working on demonstration project at Redondo Beach of 0.5 MGD intake capacity; will look at wedge wire screen for open intake and subsurface intake; permitting process for demonstration plant will probably take 18 months; hope to have demo.plant running by 2010; run for few years	61.4	22,404	76,890,528.0	34,871.0
Long Beach Water Department	Long Beach	No	9	34,000	Subsurface	Subsurface	prototype plant is operational; began 2007 and will run through 2010; capacity is 300,000 gallons per day and is primarily looking at the membrane element using water from Haynes Generating Station (they do not plan to co-locate the final desal plant); they will also conduct assessments on intakes at a site that will more closely resemble the project site	27.6	10,081	34,597,992.0	15,690.7
Poseidon Resources	Huntington Beach	Yes	50	190,000	Surface	Surface	EIR certified; challenged by Desal Response Group, which lost in court (Desal Response Group is now challenging all of the permits that they have received thus far b/c the OTC system will be removed, constituting a major change to the project); Poseidon is still waiting to hear about Coastal Development Permit from Coastal Commission	153.4	56,000	192,192,000.0	87,161.9
Municipal Water District of Orange County	Dana Point	No	15	57,000	Subsurface	Mixed with WW	completed feasibility study in March 2007; demonstration project completed May 2006;	46	16,801	57,661,032.0	26,150.1
Poseidon Resources	Carlsbad	Yes	50	190,000, possible expan-sion to 300,000	Surface	Surface	awaiting Coastal Development Permit from the Coastal Commission; hearing scheduled for November 15, 2007	153.4	56,000	192,192,000.0	87,161.9
PG&E Diablo Canyon Power Plant			0.6	2,180			Active	1.8	672	2,306,304.0	1,045.9
Duke Energy, Morro Bay Power Plant			0.4	1,630			Not known	1.2	449	1,540,968.0	698.9
Duke Energy, Moss Landing Power Plant			0.5	1,820			Active	1.5	558	1,915,056.0	868.5
U.S. Navy, San Nicolas Island			0.07				Not known	0.2	76.7	263,234.4	119.4
Chevron/Gaviota			0.4	1,550			Active	1.2	449	1,540,968.0	698.9
City of Morro Bay			0.6	2,270			Intermittent use	1.8	672	2,306,304.0	1,045.9
Marina Coast Water District			0.3	1,140			Temporarily idle	0.9	336	1,153,152.0	523.0
Monterey Bay Aquarium			0.04	150			Active	0.1	44	151,008.0	68.5
Santa Catalina Island			0.1	500			Inactive	0.3	113	387,816.0	175.9
Total			290					893.15	326,327	1,023,970,151.6	472,202.0