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**BEFORE THE STATE WATER
RESOURCES CONTROL BOARD**

In the Matter of the State Water Resources)
Control Board (State Water Board)) Hearing Date: July 23-25, 2008
Hearing to Determine whether to Adopt a)
Draft Cease & Desist Order against)
California American Water Regarding its) Carmel River in Monterey County
Diversion of Water from the Carmel River)
in Monterey County under Order WR 95-10)
_____)

EXHIBIT MPWMD-KU6B

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

**TABLE OF ANNUAL FALL JUVENILE STEELHEAD DENSITIES MEASURED AT
INDEX STATIONS IN THE MAIN STEM CARMEL RIVER BELOW LOS PADRES
DAM SINCE 1990**

Table IX-4. Carmel River Juvenile Steelhead Annual Population Survey ¹

Lineal Population Density at Survey Stations (numbers per foot of stream) ^{2,3}															
	Lower River Sites	Scarlett Narrows	Garland Park	Boronda	DeDamp Park	Stonepine Resort	Sleepy Hollow	SCR Delta Lower Station	SCR Delta Upper Station	Los Compadres	Cachagua	Overall Annual Average		Average ⁴ 1993-on Comparison	
YEAR	RM 5.8	RM 8.7	RM 10.8	RM 12.7	RM 13.7	RM 15.8	RM 17.5	RM 19.0	RM 19.6	RM 20.7	RM 24.7	(nos./ft)	(nos./mi)	(nos./ft)	(nos./mi)
1990	0	0	0	0	0	0.50	0.27			0.26	0.22	0.14	733	--	--
1991	0	0	ND	0.12	0	0.74	0.39			0.09	0.62	0.25	1,294	--	--
1992	ND	ND	0.67	0.36	ND	0.96	0.30			0.40	0.83	0.59	3,098	--	--
1993	ND	0.62	0.91	0.92	0.82	0.84	0.52			1.22	1.84	0.96	5,075	0.96	5,075
1994	ND	0.44	0.23	0.43	0	0.50	0.29			1.51	0.71	0.51	2,713	0.51	2,713
1995	0.49	0.65	1.01	1.61	ND	1.42	0.69			0.50	1.63	1.00	5,281	1.07	5,666
1996	0.24	1.52	0.82	1.05	2.03	1.22	0.29			0.95	1.92	1.12	5,890	1.23	6,468
1997	0.02	0.22	1.02	1.74	1.15	0.5	0.22			1.15	1.41	0.83	4,359	0.93	4,891
1998	0.19	0.30	0.67	0.34	1.50	0.27	0.60			0.54	2.24	0.74	3,901	0.81	4,264
1999	0.17	0.26	0.50	0.32	0.62	1.67	0.45			0.46	1.35	0.64	3,403	0.70	3,716
2000	0.91	1.03	0.64	1.38	5.66	1.71	1.46			1.41	2.3	1.83	9,680	1.95	10,289
2001	ND	0.48	0.35	0.63	0.68	1.08	0.32			0.47	1.62	0.70	3,716	0.70	3,716
2002	ND	0.68	0.85	1.67	0.83	1.07	0.5	0.33	0.68	1.52	2.73	1.09	5,734	1.09	5,734
2003	1.53	0.82	2.16	1.86	1.45	1.55	1.23	0.58	1.09	1.69	2.16	1.47	7,738	1.46	7,704
2004	0.25	0.46	0.78	1.21	0.43	1.24	0.55	0.21	0.41	0.45	0.89	0.63	3,302	0.66	3,501
2005	1.23	0.60	1.34	1.16	0.91	1.62	1.63	0.21	0.85	0.98	2.10	1.15	6,062	1.14	6,019
2006	1.13	0.64	0.86	0.87	0.47	0.37	0.95	1.65	0.28	0.82	1.00	0.82	4,339	0.79	4,176
2007	ND	0.15	0.5	0.77	0.06	0.33	0.16	0.36	0.25	0.49	0.50	0.36	1,885	0.36	1,885
Station Ave (no./ft)	0.51	0.52	0.78	0.91	1.04	0.98	0.60	0.56	0.59	0.83	1.45	0.82	4345	0.96	5054
Station Ave (no./mile)	2,710	2,756	4,134	4,822	5,481	5,160	3,174	2,939	3,133	4,374	7,647				
Overall Station Averages:												0.80	4,212		

¹ Surveys completed in October and results based on repetitive 3-pass removal method using an electrofisher.

² RM; indicates miles from rivermouth

³ Data listed as single digit 0; indicates stream was dry at sampling station

⁴ Average 1993-on comparison does not include data for lowest river sites at Meadows Road (1995); Schulte Area (1996), and Red Rock Area (1997- present).

⁵ Result for Lower River Site, 2004, (upper Red Rock) is estimated from one pass of rescues and data from Red Rock and Scarlett pop. surveys the past seven years.