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8	BEFORE THE CALIFORNIA			
9	STATE WATER RESOURCES CONTROL BOARD			
10		DEDLY DDIEE		
11	In the Matter of the State Water Resources Control Board Hearing to Determine Whether to	REPLY BRIEF		
12	12 Adopt a Draft Cease & Desist Order Against California American Water Regarding its			
13	Diversion of Water from the Carmel River Under			
14				
15	I. CRSA and Sierra Club Are Not Estopped Through Res Judicata or Collateral Estoppel from Joining in the Prosecution Team's Request To Issue the Proposed CDO			
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17	California American's argument that CRSA and Sierra Club are estopped by	res judicata and		
18	collateral from seeking a Cease and Desist Order against Cal-Am that involves additi	collateral from seeking a Cease and Desist Order against Cal-Am that involves additional limits on Cal-		
19	Am's diversions from the Carmel River is based on an erroneous characterization of	their 1996 Petition		
20	filed in Sierra Club, et al. v. SWRCB. Neither the Sierra Club or CRSA is challenging	ng the factual or		
21	legal conclusions of Order 95-10. Sierra Club, CRSA, and NMFS are asking only the	at the Board issue		
22	the proposed CDO in light of the enforcement authority the Board clearly reserved in	Order 95-10 and		
23	23 2002-02 and to exercise that reserved authority in light of new facts, changed			
24	24 conditions, and the designation of the SCCC steelhead as a federally listed threatened	l species since		
2526	Orders 95-10 was issued. 1			
27 28	I here are four Nivir's rule-makings since 1995 involving the SCCC steelnead that t	his Board must take		
40	a. the designation of the SCCC steelhead ESU as a threatened species under the ESA	in 1997. 62 FR		
	b. the designation of critical habitat (the Carmel River) for the SCCC steelhead in 20 (9/2/2005).	005 (70 FR 52488		
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Order 2002-02 reserves authority to the Chief of the Water Rights Division "to modify the flow requirements of the order…as necessary to prevent this order from being in violation of the Endangered Species Act, or unreasonably interfering with efforts to comply with the Endangered Species Act." Id. at 11. (emphasis added) In connection with its proposal to issue a CDO pursuant to its authority under Water Code §1052, the Water Rights Division is exercising its reserved authority to prevent its Orders (95-10, 98-04, 2002-02) from authorizing continuing violations of Section 9 of the ESA by Cal-Am or interfering with efforts to comply with the ESA. 16 U.S.C. §1538.

Res judicata and collateral estoppel can give rise to estoppel only as to those matters pled and adjudicated by the Superior Court in <u>Sierra Club</u>, <u>CRSA v. SWRCB</u>. California-American implies that Sierra Club's, and CRSA's petition for writ of mandate in the above action challenged 95-10 in its entirety and raised issues identical to those raised in the complaints filed with the Board that caused the Board to have a hearing in 1995. This is a total mischaracterization of their petition.

In their Second Amended Petition for Writ of Mandate, filed March 28, 1996 (Cal-Am Exhibit 16), Sierra Club and CRSA alleged in the First Cause of Action that with respect to Condition 6 of the Order (requiring a feasibility study of supplying water to Carmel Valley Village Filter Plant from wells downstream of the Plant), the Board failed to require "full investigation as to whether Cal-Am can supply water to its customers in a manner that will maximize beneficial uses, through keeping as much water as possible in the River, as for downstream as possible for fishery and riparian uses." In the Second Cause of Action, the petitioners alleged the Board abused its discretion in approving Condition 4 of the Order, which allowed Cal-Am to use yield from its seaside aquifer to service new development. In the Third Cause of Action, petitioners alleged the Board committed an abuse of discretion when it made the 20% conservation measure a "goal" rather than a requirement (Condition 3). (Petitioners' Fourth, Fifth, and Sixth Causes of Action related solely to Decision 1632).

Under California law, <u>res judicata</u> will bar a subsequent suit on the same ground of recovery when the parties are identical, the prior judgment was rendered by a court of competent jurisdiction on the merits, and both suits are based on the same cause of action. <u>Adolph Coors Co. v. Sickler</u>, 608

c. the promulgation of a §4(d) rule defining exceptions to the 'takings" prohibitions of the Act (California American's "takings" through diversions are <u>not</u> excepted.) 65 FR 42422 (7/10/2000) d. the designation of the SCCC steelhead DPS. 71 FR 834 (1/5/2006)

F.Supp. 1417, 1429 (C.D. Cal. 1985). Res judicata gives rise to estoppel against Sierra Club and CRSA only if the relief sought here is on the same ground of recovery, and both are based on the same cause of action. The doctrine of collateral estoppel "precludes a party to an action from relitigating in a second proceeding matters litigated and determined in a prior proceeding." (*People v. Sims* (1982) 32 Cal.3d 468, 477.)

Settlement discussions ultimately resulted in the Superior Court filing an Order on June 5, 1998, which incorporated and modified a Stipulation of the Parties that had been signed in February-March 1998. Cal-Am Exhibit 17. The Court's order, filed June 5, 1998, provided (paragraph 4) that WR 95-10 shall be "modified by the SWRCB by the following amendments to Conditions 4, 5, 6 and 13 only; all other provisions of Order 95-10 are to remain in full force and effect…" (emphasis added). Paragraph 8 of the Order reads:

"The Superior Court retains jurisdiction pursuant to CCP §664.6 to <u>enforce the terms</u> of this stipulation, and to review compliance by Cal-Am with the <u>conditions of Order 95-10 that are the subject of this stipulation and judgment..." <u>Id</u>. (emphasis added).</u>

Res Judicata and collateral estoppel would apply only to relitigating Sierra Club's and CRSA's claims that Conditions 4,5,6 and/or 13 violated applicable law. Those claims have nothing to do with the relief Sierra Club and CRSA seek in this proceeding, namely abating Cal-Am's unlawful diversions as a trespass under Water Code §1052.

Π.

Cal-Am's Diversions Are Without A Legal Basis of Right

California-American continues to argue that Order 95-10 'authorized" it to continue its diversions. In 2002-02, the Board determined:

"To now recommend that the SWRCB 'make legal all water diverted below river mile one as motivation for Cal-Am to divert water from that location' is inappropriate and contrary to law. The diversion is still without a legal basis of right. Moving unlawful diversions to a different location on the Carmel River does not create a legal basis of right. The SWRCB has no authority to grant a legal basis of right when the facts clearly show that the diversion of water is without a legal basis." Order 2002-02 at 16 (emphasis added).

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III.

The Board Did Not Adopt a "Physical Solution" In Order 95-10

Citing Hutchins, The California Law of Water Rights, Cal-Am argues that the Board imposed a physical solution that can not now be altered by the Board through issuance of a cease and desist order. Hutchins, however, notes that "the finding and application of physical solutions in the settlement of water controversies…have engaged the attention of the courts in a number of cases. "Hutchins at 351. "Physical solutions" are court-created. The cases cited by Hutchins lend no support to the notion that the Board, absent legislative authority, can impose physical solutions.

Water Code, Division 2 (§§1000-5976), gives no authority to the Board to "authorize" or legalize diversions for which no appropriation permit exists through the imposition of physical solutions. Water Code §2100 confers limited authority on the Board to file actions in the Superior Court to impose physical solutions to protect the quality of ground-water. No section in the Water Code confers authority on the Board to order a temporary physical solution that would "authorize" otherwise illegal diversions that require an appropriation permit. As the Supreme Court has made clear in <u>City of Barstow</u> v. <u>Mojave Water Agency</u>, 23 Cal.4th 1224 (2000), there are constitutional constraints on the superior courts in imposing a physical solution. The Court stated:

"In ordering a physical solution, a court may neither change priorities among water rights holders nor eliminate vested rights in applying the solution without first considering them in relation to the reasonable use doctrine."

23 Cal.4th at 1250

Under the state's exclusive administrative scheme for recognizing water rights, the Board cannot through a physical solution, license a water use which is not vested or permitted, or ignore priority or vested rights of other water users on the Carmel River. <u>City of Barstow, id.</u> Certainly, the Legislature has purported nowhere in the Water Code to confer such authority on the Board. Had the Legislature intended the Board to enable "trespassers" to continue diversions in the context of "temporary physical solutions" at the expense of continuing damage to public trust resources (in violation of the ESA) and in derogation of the rights of other users of Carmel River water, it would have delegated such authority to the Board in Division 2 of the Water Code. It did not do so.

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The Board Has Recognized that Order 95-10 Is Not a Static Document and That Its Remedial Measures Relating to Harm Caused by Cal-American's Unlawful Diversions May Be Modified Over Time Through Exercise of its Authority Under Water Code §1052, In Order To Ensure Compliance With the Endangered Species Act.

A. Changes Made in 95-10 to Address Impacts to Steelhead from Cal-Am's Diversions

Order 95-10 has been amended by the Board through Orders 98-04, 2001-04, and 2002-02. The amendments were to promote greater protection for the SCCC steelhead (designated as threatened under the ESA in 1997, see 62 FR 43937) and other trust resources that Order 95-10 had found had been adversely affected by Cal-Am's illegal diversions. Order 98-04 replaced Condition 5 of 95-10 with a more explicit requirement to increase the flow of water in the River toward the Lagoon, and ordered that

"To the maximum extent feasible without inducing sea water intrusion or unreasonably affecting the operation of other wells, Cal-Am shall satisfy the water demands of its customers by extracting water from its most downstream wells."²

Order 2001-04 ordered Cal-Am to satisfy the water demands of its customers by extracting water from its most downstream wells between river miles 9.0 and 17.2 to the maximum practicable extent for the benefit of the maintenance of steelhead habitat in the lower Carmel River.

Order 2002-02 rescinded Order 2001-04 and ordered Cal-Am to cease withdrawal of water from San Clemente Dam during low flow periods except during an emergency. Cal-Am was also ordered to reduce diversions during low flow periods from certain downstream wells. Cal-Am was also ordered to install a pump to deliver water from the Begonia Zone to the Carmel Valley Village Zone. Implementation schedules were established. In its hearing on reconsideration of Order 2001-04, the Board heard testimony from NMFS, DFG, and other parties concerning remediating the effects of Cal-Am's diversions on steelhead in light of the designation of the SCCC steelhead ESU as threatened.

² Additionally Cal-Am was ordered to conduct a study of the feasibility, benefits, and costs of supplying water to areas then served by the Carmel Valley filter plant from nearby wells downstream of the plant, and to also study the feasibility of using the Begonia Treatment Plant in lieu of the Filter Plant.

sufficient certainty of implementation and effectiveness to substantially ameliorate the level of assessed extinction risk for all but one of the DPS's under consideration. 71 FR 852-853.

The Service determined that the SCCC steelhead DPS is "likely to become endangered within the foreseeable future throughout all or a significant portion of [its] range." 71 FR 857. The Service also issued additional Take Guidance pertaining to the SCCC steelhead DPS:

"Activities that we believe could potentially "harm" steelhead (see 50 CFR 222.102) in the listed DPS's and result in a violation of the section 9 take prohibition include...

2. Destruction/alteration of the steelhead habitats for any listed DPS, such as...draining, ditching, diverting, blocking, or altering stream channel, or surface, or groundwater flow." 71 FR 858

In <u>United States v. Glenn-Colusa Irrigation District</u>, 785 F.Supp 1126 (E.D. Cal. 1992), the United States brought an action to enjoin a irrigation district from diversions through pumping that killed salmon in violation of Section 9 of the ESA: The Court concluded that the District was unlawfully "taking" salmon through its pumps and "that neither state nor federal law exempts or excuses the District from complying with the Act." 785 F.Supp. at 1135. The District Court issued a permanent injunction, and declined to engage in a "detailed analysis of the mechanisms and a consideration of the social utility of ordering" the District to cease taking winter-run salmon through its pumps. <u>Id</u> at 1132.

As reflected in NMFS's consistent takings guidance since 1997, and consistent with the Court's holding in <u>US</u> v. <u>Glenn Colusa Irrigation District</u>, <u>supra</u>, California-American is engaged in unlawful takings of steelhead in violation of Section 9 of the ESA. The Board has a duty to abate Cal-Am's unlawful takings, as Cal-Am has no exemption from the ESA prohibition on "taking" in the form of an incidental take permit. ⁵ If, under the CDO, abatement of the unlawful diversions is appropriately tailored to the life history of the steelhead, Cal-Am's unlawful takings will be proportionately reduced.

Since Order 2002-02 was issued, the SCCC steelhead DPS shows a declining trend. <u>See</u> MPWMD, KU2, (Chart showing decline since 2003). The best measurement available of population

⁵California-American would be exempted from the take prohibition only if it had an incidental take permit from NMFS. It does not have an incidental take permit. An incidental take permit will issue only if it is "incidental to an otherwise lawful activity." 50 CFR 17.22 (d) (2) (i).

trends in the SCCC steelhead DPS are the numbers of spawning adults returning to the area below San Clemente Dam. See MPWMD, KU1, Paragraph 9.6

The current Carmel River steelhead population is significantly diminished relative to the already reduced population levels found in the River as late as 1969 (1336 at San Clemente Ladder)

See Dettman and Kelley PT. Exhibit 42, p. 19. Thus the minor population gains seen from 1997-2002, (see MPWMD, KU3) are offset by the declining trend from 2003-2008 and provide no basis for Board inaction with respect to curtailing diversions. The continuing diversions each water year deprive the Carmel River steelhead of habitat needed for recovery. Each year's diversions make a bad situation worse, and are precluding recovery of the species, as well as maintenance of the already diminished population. The diversions cause reductions in otherwise available critical habitat that is needed to improve the affected population's likelihood of surviving and recovering in the wild. Ambrosius Testimony, PT 39, at 3-6.7

In <u>Palila</u> v. <u>Hawaii</u> <u>Dept. of Land and Natural Resources</u> 649 F.Supp 1070, (D. Haw. 1986) the Court held:

"A finding of "harm" [as a component of "take"] does not require death to individual members of the species; nor does it require a finding that habitat degradation is presently driving the species further toward extinction. Habitat destruction that prevents the recovery of the species by affecting essential behavioral patterns causes actual injury to the species and effects a taking under Section 9 of the ESA." 649 F.Supp at 1075-76 (emphasis added).

See also <u>Forest Conservation Council</u> v. <u>Rosboro Lumber</u>, 50 F.3d 781 (9th Cir.1995) (holding that habitat modification that is reasonably certain to injure an endangered species by impairing its essential behavior patterns constituted actual harm and warranted injunctive relief).

⁶ MPWMD witness fisheries biologist Kevin Urquhart recommended an alternative CDO based on population of returning steelhead below San Clemente Dam. He recommended:

[&]quot;If steelhead declined below 300-400 fish for one year, it could be the trigger to implement the first 1693 AF curtailment of diversion and if the number was low for two years in a row, that could be a trigger to increase curtailment of existing diversions to the 2257 AF level." MPWMD, KU1 at 5.

⁷ NMFS has observed that:

[&]quot;It is important to assess productivity, since negative trends in productivity over sustained periods may lead to genetic and demographic impacts associated with small population sizes.... In general, viable population trends should be positive unless the population is already at or above viable abundance levels." 64 FR 73479, 73483 (December 30, 1999).

If Cal-Am's Claims That the First Levels of Diversion Reductions Will Have No Beneficial Habitat Effects For the SCCC Steelhead DPS Are Supportable, It Would Be Appropriate For the Board to Order the Immediate Implementation of 20%-35% Curtailments of Diversions.

Cal-Am claims, as does MPWMD (through Kevin Urquhart's testimony) that the first level of diversion reduction will not produce tangible habitat benefits sufficient to ameliorate continuing harm to the Carmel River steelhead as a result of Cal-Am's diversions. Sierra Club urges that if Board so finds, that it modify the proposed CDO so as to implement the 20%-35% curtailment percentages immediately in lieu of the first phase reductions (15%).⁸

VI.

Conclusion

Sierra Club urges the Board to adopt the CDO as proposed to be modified by Sierra Club expert hydrologist-fisheries biologist, Dr. John Williams, which would include a provision for augmented flows to the Carmel River Lagoon. If the Board is persuaded that the first two levels of cut-backs will not produce significant habitat gains, Sierra Club urges the Board to order that Cal-Am's diversions be curtailed at the proposed order's third and fourth levels (35% and 50%).

Respectfully submitted,

Lauren H Lilver

Laurens H. Silver Counsel for Sierra Club

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⁸ Fisheries Biologist Kevin Urquhart concluded that the "third and fourth level of cutbacks proposed in the draft CDO reduce CAW diversions from the lower river by 35% and 50% from current levels of diversion. These larger cutbacks are likely to benefit steelhead production in the lower river, but precise degree of improvement is uncertain." (MPWMD, KU1 at 5). (Emphasis added.) Mr. Urguhart also prepared charts showing that in Critically Dry Water years, flows may be sustained to the lagoon for a month to a month and a half longer by the four levels of diversion cutbacks proposed in the CDO. Id. at 9. Mr. Urguhart's charts also show that in a Normal Water Year type flows may be extended to as much as 40.5% of the 6.2 miles of dry waterbed (under the 35%-50% reductions). Id. at 10. Mr. Urguhart concludes that "significant benefits" to the steelhead are likely to occur under the "last two levels of restrictions proposed in the Draft CDO." Id. Mr. Urquhart states that "if the final CDO could keep any significant amount of additional stream habitat [in the 2.3 mile stretch below the Narrows] wet throughout the summer and fall, it would likely result in additional fall production of juvenile steelhead for the watershed as a whole." Id. at 11.

PROOF OF SERVICE I declare as follows: I am over 18 years of age and not a party to the within action; my business address is P.O. Box 667, Mill Valley, CA, I am employed in Marin County, California. On November 10, 2008, I served a copy of the foregoing following document entitled SIERRA CLUB CLOSING REPLY BRIEF and REQUEST FOR NOTICE OF OFFICIAL ACTIONS OF NATIONAL MARINE FISHERIES SERVICE RELATED TO THE SCCC STEELHEAD ESU AND DPS Following interested parties in the above-referenced document to the following: See attached Service List [X] BY ELECTRONIC MAIL I caused a true and correct scanned image (PDF file) copy to be transmitted via the electronic mail transfer system to the email address(es) indicated in the attached Service List of Participants. I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed on November 10, 2008, at Penn Valley, California. Will L.L Willow L. Wray

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