

Summary Draft BDCP Other Stressor Conservation Measures (Ordered by “Type of Implementation”)

This table of Other Stressors Conservation Measures represents the current recommended conservation measures for inclusion in the Conservation Strategy based on review by the Other Stressors Subgroup and co-chair meetings and discussions. The subgroup focused its review of the CMs around three questions:

Q1 = Question 1: Will the CM happen because BDCP took an action?

Q2 = Question 2: Will the CM provide a meaningful benefit to covered fish species?

Q3 = Question 3: Will BDCP receive “credit” from Fishery Agencies for implementing CM? (“credit” could be either formal regulatory credit or other less formal credit from Fishery Agencies for providing benefits to species).

For each question: Y=Yes, N=No, U=Uncertain

= Conservation Measures recommended for deletion

For each measure this table provides a summary of the response to the questions, the type of implementation, whether it was analyzed by DRERIP, whether the Other Stressors Working Group recommends it should be kept or deleted, and the current status of the conservation measure.

CM code	Q1	Q2	Q3	Type of Implementation	Implementing Agency (Program)	Analyzed by DRERIP?	Keep?	Status
OSCM3 Methyl-Mercury Reduction	U	U	U	Funding	CVRWQCB	Yes	Yes	Updated CM text with new information. Will review DRERIP results to help determine usefulness of measure to fish.
OSCM4 Pesticide/Herbicide Reduction	Y	U	Y	Funding	CVRWQCB	Yes	Yes	Updated CM text with new information. Need additional information from CVRWQCB
OSCM5 Urban & Stormwater Run-off	Y	Y	Y?	Funding	Individual Urban and Stormwater Runoff Dischargers	Yes	Yes	Currently contacting local cities and counties as to actual funding shortfalls and specific programs that could be funded. Updated CM text with new information.
OSCM6 Toxic Spill Response	N	U	N	Funding	DFG (Office of Spill Prevention and Response [OSPR])	No	No	Delete CM (DFG Recommendation). Reason: Not practical-- need large monitoring program to be most effective; response already exists; response does not always mitigate effect.

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OSCM7 Deep Water Ship Channel –Low DO	N	Y	N	Funding	N/A	No (Evaluators decided action not DRERIP-able as written)	No	Delete CM. Reason: not a BDCP responsibility, already occurring (Q1), and not likely to get credit (Q3).
OSCM8 Blackwater Discharge	U	N	U	Funding	N/A	Yes	No	Delete CM. Reason: Minor issue and minor benefit; already regulated under F&G Code and Water Quality Code; DFG and CVRWQCB responsibility.
OSCM10 Recreational Boat Inspection	Y	Y	Y	Funding	DFG, CDFA	No	Yes	Updated CM text with new information.
OSCM11 Invasives Rapid Response Team	Y	U	N	Funding	DFG (OSPR)	No	No	Delete CM (DFG Recommendation). Reason: Having a Response Team in the absence of a monitoring program to detect has limited use
OSCM12 Zebra-Quagga Establishment Risk Reduction	Y	Y	Y	Funding	DFG and local agencies	No (Evaluators decided action not DRERIP-able as written)	Yes	Updated CM text with new information.
OSCM13 SAV/FAV Removal	Y	Y	Y	Funding	Department of Boating and Waterways (Aquatic Pest Control)	Yes	Yes	Updated CM text with new information.
OSCM15 Control Predation of Salvaged Fish	N	Y	N	Funding	N/A	No	No	Delete CM. Reason: Already in OCAP BO, so part of baseline. Limited long-term benefits.
OSCM16 Increase Enforcement on Illegal Harvest	Y	Y	Y	Funding	DFG (Delta-Bay Enhanced Enforcement Program)	Yes	Yes	Updated CM text with new information.
OSCM18 Hatchery and Genetic Management Plans	U	Y	U	Funding	State and federal hatchery managers	No	Yes	In discussion with hatchery leads to determine specific needs from each hatchery. Updated CM text with new information.
OSCM20 Smelt Hatchery	Y	Y	Y	Funding	UC Davis (Fish Culture Lab), USFWS	Yes	Yes	Updated CM text with new information.

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OSCM21 Non-Project Diversions	Y	Y	Y	Funding	USBR, DFG	Yes	Yes	Updated CM text with new information.
OSCM1 Ammonia/ium Reduction	U	U	U	Research, Then Possibly Funding	Individual wastewater treatment plants (WWTPs)	Yes	Yes	Updated CM text based on comments received and CALFED Ammonia/ium Workshop. Made general to <u>all</u> WWTPs. Made table of all WWTPs that could affect covered species in Delta and Suisun Bay.
OSCM2 Endocrine Disrupter Reduction	U	U	U	Research, Then Possibly Funding	Individual WWTPs	Yes	Yes	Updated CM text based on comments received. Made table of all WWTPs that could affect covered species in Delta and Suisun Bay.
OSCM9 Ballast Water/Hull Fouling	N	Y	N	Research, Then Possibly Funding	US Coast Guard (Ballast Water Management Program) and State Lands Commission (Ballast Water Program)	No	No	Delete CM (DFG Recommendation). Reason: Current regulation in place and adequate; research needed to determine risk of invasion by hull fouling.
OSCM14 Non-Native Fishing Regs	N	Y	N	Regulatory	Fish and Game Commission	Yes	Yes	Updated CM text with new information.
OSCM17 Splittail Harvest Regulations	N	Y	N	Regulatory	Fish and Game Commission	Yes	Yes	Updated CM text with new information.
OSCM19 Mass Marking Hatchery Salmon	U	U	Y	Regulatory, Funding	State and federal hatchery managers	Yes	Yes	Updated CM text with new information. Developed write-up on pros and cons.
OSCM22 No-Wake Zones In Restoration Areas	Y	Y	Y	Regulatory, Funding	Department of Boating and Waterways	No	Yes	Changed CM to specifically protect habitat restored by BDCP. Updated CM text with new information.