

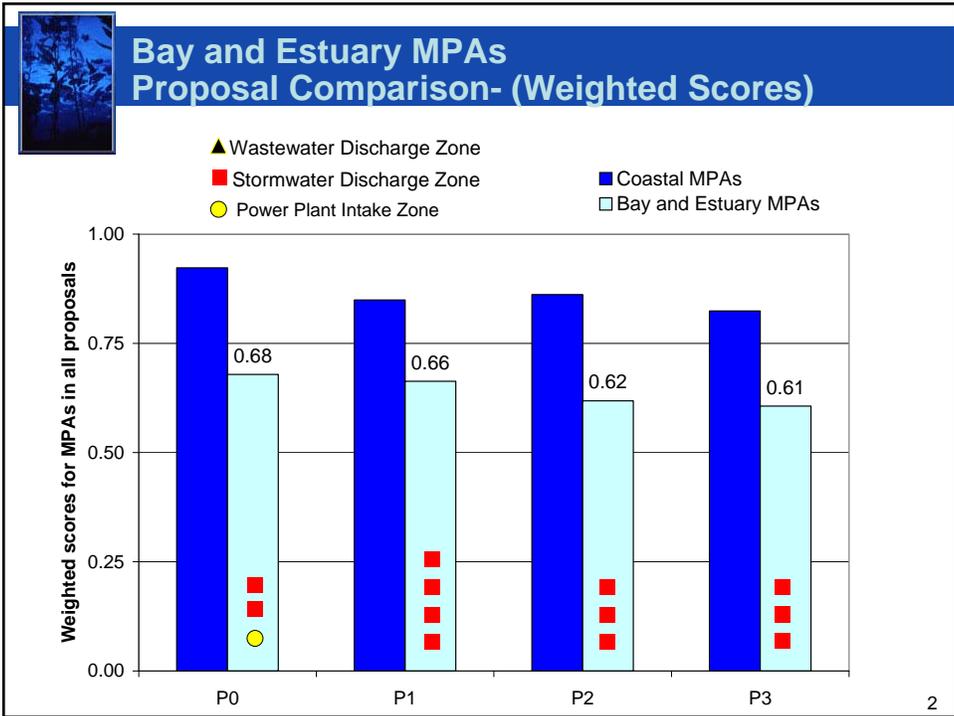
Marine Life Protection Act Initiative

SAT Evaluation of Water and Sediment Quality of Round 3 SCRSG MPA Proposals

Presentation to the MLPA Blue Ribbon Task Force
October 20, 2009 • Long Beach, CA

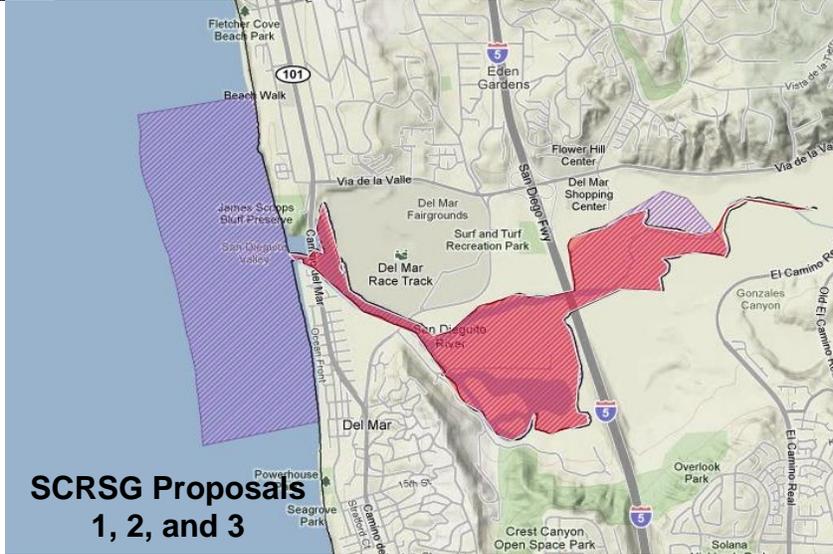
Dominic Gregorio • SAT Water Quality Work Group and
California State Water Resources Control Board

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San Dieguito Lagoon



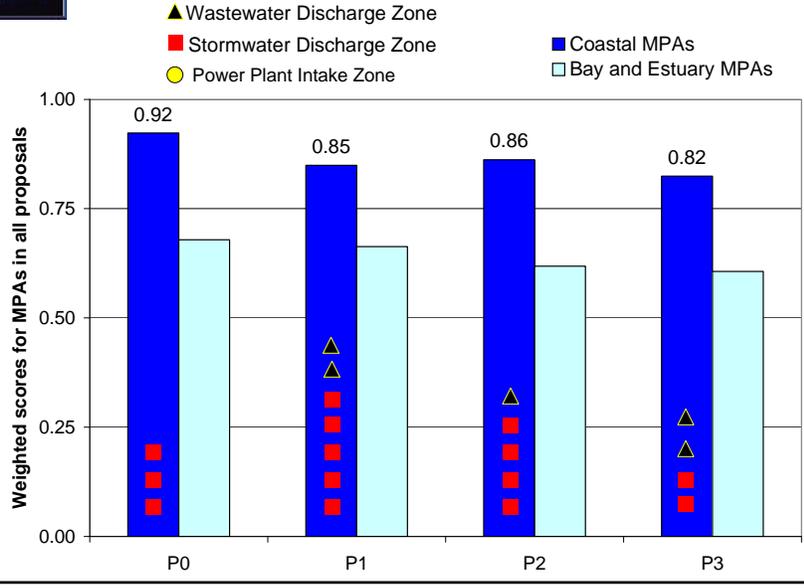
Coastal MPAs and ASBS/SWQPAs

- All submitted proposals included some coastal MPAs co-located with ASBSs.
 - Proposal 3 had the greatest co-location with ASBSs (23).
- All military Special Closures at San Nicolas and San Clemente Islands are covered by ASBSs.





Coastal MPAs Proposal Comparison (Weighted Scores)



Avalon and Aliso Outfalls



SCRSG Proposals 1 and 2
Lovers Cove SMCA



SCRSG Proposal 1
Dana Point SMCA



Aliso and San Elijo Outfalls



SCRSG Proposal 3
Laguna Beach SMR



SCRSG Proposal 3
Swamis SMCA

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Coastal MPAs Summary

All submitted proposals scored well for **coastal** MPAs.

Proposal	Number of MPAs	Stormwater	Waste Water	Power Plant	ASBS	Weighted Scores
1	52	5	2	0	22	0.85
2	40	4	1	0	20	0.86
3	43	2	2	0	23	0.82

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Summary - Water Quality Concerns

- **All proposals scored well.**
 - All proposals avoided Los Angeles Harbor, industrial portions of San Diego Bay, the Portuguese Bend landslide and Palos Verdes Superfund site.
- Co-locations involved **only a few storm water runoff plumes**: Calleguas Creek, Escondido Creek, San Dieguito Creek and Los Penasquitos Creek, San Diego River, and Tijuana River.
- **No major wastewater outfalls** were co-located with any of the proposals. Co-locations involved only a few intermediate wastewater outfalls: Avalon, San Elijo, and Aliso.
- **No power plant intakes** were co-located with MPAs.