

Event	Parties	Key Findings
Conference Call regarding IWHC Regulations in Washington State	<ul style="list-style-type: none"> • Consultants working on the issue on behalf of Port of Seattle 	<ul style="list-style-type: none"> • Conference call to discuss current regulation, upcoming copper regulatory milestones and remain up to date on general programmatic procedures. • Learned Currently in WA, IWHC of hulls with soft, toxic coatings (i.e. ablative paints) is banned and those caught doing so can be fined up to \$10,000. • In Fall 2019 the State Legislature will be reviewing new studies performed on non-copper alternative paints and determining if copper-based antifouling paints will be banned, or available on the market with a maximum leach rate allowance.
Newport Bay Copper TMDL Workshop	<ul style="list-style-type: none"> • Santa Ana Regional Water Quality Control Board staff, • City of Newport Beach staff • Interested stakeholders 	<ul style="list-style-type: none"> • Port attended the workshop to learn the latest status of the Newport Copper TMDL. • The Port's efforts on the SIYB TMDL and the Copper Reduction Program are being heavily cited during the final development stages by the Santa Ana Regional Water Quality Control Board. • City of Newport Beach does not have implementation requirements until TMDL is final.
Marina del Rey Copper TMDL Workshop for developing site specific objectives	<ul style="list-style-type: none"> • Los Angeles County Department of Beaches and Harbors staff 	<ul style="list-style-type: none"> • Port attended workshop to hear the status of the Site Specific Objective approach and water quality improvement activities Marina Del Rey is taking on their Copper TMDL. • Marina Del Rey has been granted conditional approval to pursue Site Specific Objective studies but must convert 100 boats to non-copper alternatives. • Los Angeles Regional Water Quality Control Board also mandated that there would be no adjustment to the implementation calendar of the TMDL even if pursuing the Site-Specific Objective study • Some public comment at workshop voiced concern that pursuing Site Specific Objectives ultimately was avoiding addressing the impairment.

Table 1. Benchmarking Local, State, and West Coast Copper Reduction Activities

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City of Newport Beach TMDL Conference Call	<ul style="list-style-type: none"> City of Newport Beach staff 	<ul style="list-style-type: none"> Port spoke with City of Newport staff to stay informed on programmatic updates and approaches related to the development of the Newport TMDL. City of Newport Beach is not implementing requirements until TMDL is final; programmatic approaches will be determined at that time.
County of Los Angeles Beaches and Harbors TMDL Conference Call	<ul style="list-style-type: none"> County of Los Angeles Beaches and Harbors 	<ul style="list-style-type: none"> Port spoke with Beaches and Harbors staff about programmatic updates and answered questions about the District's Copper Reduction Program and IWHC Permit Program.
Department of Pesticide Regulation (DPR) Conference Call related to TMDL Conceptual Model Review	<ul style="list-style-type: none"> DPR staff 	<ul style="list-style-type: none"> Port discussed the mitigation measures related to IWCH, implementation approaches and developments of a conceptual model. Monthly cleaning using soft materials can reduce copper loading into the water.
SPAWAR email correspondence related to TMDL Conceptual Model Review	<ul style="list-style-type: none"> SPAWAR staff 	<ul style="list-style-type: none"> Port discussed the Life Cycle Copper Loading study that was developed for DPRs leach rate rule. Life cycle assessments were determined to be the latest science and most appropriate to model copper loading into marinas.
Southwestern Yacht Club and San Diego Yacht Club Meeting	<ul style="list-style-type: none"> Southwestern Yacht Club new management San Diego Yacht Club management 	<ul style="list-style-type: none"> Port was invited to a meet and greet with Southwestern Yacht Club's new manager. Discussed the TMDL with management from both Southwestern and San Diego Yacht clubs at a joint meeting. Stressed the need for continued load reduction efforts, timeline for TMDL, and commitment to work together to reduce copper loading.
Marina Meeting to discuss lease updates	<ul style="list-style-type: none"> Bay Club Marina Manager 	<ul style="list-style-type: none"> Port met with Bay Club Marina Manager to discuss new requirements for In-Water Hull Cleaners being implemented at Bay Club Marina.

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Dockmasters Meeting	<ul style="list-style-type: none"> • Southern California marina managers & dockmasters 	<ul style="list-style-type: none"> • Port presented information related to the upcoming review of in-water hull cleaning regulations to this group. • Discussed existing processes used by marinas to check in divers, check for permits and assess activities within each facility. • Some marinas are requiring additional information before divers and other contractors are able to access their facility. • Dockmasters generally supported the process for IWHC updates and will likely be attending upcoming the Port's public meetings.
Shelter Island Master Leaseholder Group, Marina Managers and Port Tenants Association Meetings	<ul style="list-style-type: none"> • Representatives from Shelter Island marinas & yacht clubs • Port Tenants Association 	<ul style="list-style-type: none"> • Port met twice with representatives from each group and discussed an aligned approach to the TMDL and water quality. • Both the District and interested parties have voiced concerns about the overall contribution of copper into the water from current IWHC practices and the need to focus further efforts on improving water quality.
In-Water Hull Cleaners	<ul style="list-style-type: none"> • Company owners and divers, individual boaters 	<ul style="list-style-type: none"> • Port will be presenting administrative review topics during a series of public engagement workshops being held October 2-3, 2019. • Interested parties were informed and invited to attend via email notifications and postings on the District's website.