

DATE: October 14, 2016
TO: Bolinas Lagoon Advisory Council
FROM: James Raives, Senior Open Space Planner
SUBJECT: Bolinas Lagoon Restoration Project Update

DISCUSSION

Agency Partnership Meetings

The lead agencies have met once since the last advisory council meeting. At this meeting, the partners discussed the conceptual alternatives for the Bolinas Lagoon North End Project.

Bolinas Lagoon Bathymetry

Environmental Science Associates has completed the analysis and modeling of the lagoon bathymetry. The consultant will present results of the bathymetry at the next Advisory Council meeting, in April 2017.

Kent Island Restoration Project

Marin County Parks has completed its fourth year of the Kent Island restoration project and is working on its annual report. The restoration efforts are on track as described in the original plan. The project has successfully reduced the amount of invasive plants on the island. Staff will provide the advisory council with a copy of the annual report at its April 2017 meeting.

Green Crab Removal Project

Thanks to donations from the Bolinas Lagoon Foundation and Seadrift Homeowners Association, U.C. Davis was able to implement another season of green crab removal at Seadrift Lagoon. The research team along with 30 local volunteers helped catch, remove, and record data during four week-long removal efforts between July and August. Removed crabs were frozen and donated to Slide Ranch and Gospel Flat for use as fertilizer.

Invasive Spartina

The district's July 2015 treatment of three clones in the lagoon was about 95% successful in killing above ground growth. The smaller clone only had ten green stems this year. Scattered new growth within the clones indicates that some of the dense root mat is still alive. Staff treated the new green leaves on August 10, 2016. In its 2016 surveys, the Invasive Spartina Project discovered no new-suspected hybrid clones. Monitoring will continue on a semi-annual basis.

Eucalyptus Trees

Marin County Parks staff met with two members of the advisory council to discuss removal of eucalyptus trees, including those that have fallen in the lagoon. The district agreed to remove the limbs of trees that have fallen into the lagoon. Staff has received permission from the Greater Farallones Marine Sanctuary and is applying for a permit from the Coastal Commission.