

Low Intensity Chemical Dosing (LICD)

Opportunities to Improve Delta Water Quality and Mitigate Subsidence by Leveraging Hybrid Coagulation and Wetland Treatment Systems

Wednesday, October 26, 2016 – 9:00 a.m. – 12:30 p.m. PDT
 980 Ninth Street – 2nd Floor Conference Room
 Sacramento, CA 95814

Please register for this seminar by October 26, 2016:

<https://goo.gl/forms/2gFXlahzjxWDAXbv1>

Time	Title	Speaker	Affiliation
9:00 AM - 9:10 AM	Welcome	Bob Pedlar Tamara Kraus	DWR USGS
9:10 AM - 9:20 AM	Low Intensity Chemical Dosing and Wetlands: Concept and Approach	Philip Bachand	Bachand & Associates
Water Quality			
9:20 AM - 9:40 AM	Design, Implementation and Treatment by Coagulation	Sandra Bachand	Bachand & Associates
9:40 AM - 10:00 AM	Sequestration and Transformation in a Constructed Wetland System	Philip Bachand	Bachand & Associates
10:00 AM - 10:20 AM	Lab studies: Mercury Removal and Floc Stability	Yumiko Henneberry	Delta Science Program
10:20 AM - 10:40 AM	Mercury Removal and Cycling in the LICD-Wetland System	Tamara Kraus	USGS
10:40 AM - 10:50 AM	Break		
Sediment			
10:50 AM - 11:10 AM	Distribution and Composition of Accreted Sediments under LICD	Elizabeth Stumpner	USGS
11:10 AM - 11:30 AM	Characterizing Sediment Accreted in Wetlands Treated with Coagulant	Yan Ling Liang	UC Davis
Plants			
11:30 AM - 11:50 AM	Effects of the Coagulation-Wetland System on Plant Growth	Yan Ling Liang	UC Davis
Design and Logistics			
11:50 AM - 12:10 PM	LICD Design, Costs, Opportunities and Constraints	Philip Bachand	Bachand & Associates
Discussion and Closing Remarks			
12:10 PM - 12:30 PM	Panel Discussion & Closing Remarks		

Order of agenda items and listed times are subject to change
 If you have any questions, please contact Nicole Stern at (916) 322-6545 or nicole.stern@deltacouncil.ca.gov.
 Visit the USGS LICD website at <http://ca.water.usgs.gov/projects/LICD/>.

