

## **Sand Resources Science Panel**

January 23, 2014

San Francisco Bay Conservation and Development Commission  
455 Golden Gate, San Diego Conference Room  
San Francisco

**Science Advisory Panel Purpose:** To assist the Commission, staff, stakeholders and the public in understanding the complex nature of coarse grain sediment transport, the biological community present and the connection to the immediate and greater food web. Further, the panel will assist Commission staff in better understanding the potential for impacts from sand mining in Central and Suisun Bay, and the likelihood of those impacts on the physical environment and the associated biological community.

**Stakeholder Participation:** In order to maintain meeting focus, stakeholders will be provided cards in which questions to the panel can be written. The cards will be collected periodically and provided to the facilitator and to be included in the discussion as appropriate.

### **Draft Agenda**

9:00	Welcome, Introductions	Larry Goldzband
9:10	Meeting Purpose and Desired Outcomes	Jessie Lacy
9:20	Proposed Project Description & Chronology: Central Bay & Suisun Bay/Channel Sand Mining	Bill Butler
9:40	Summary of the State of Knowledge: Description of San Francisco Bay Sediment System	Patrick Barnard
10:00	Panel Discussion #1: Sediment Transport	Science Panel
10:45	Facilitator Remarks	Jessie Lacy
10:55	Break	
11:10	Panel Discussion #2: Sand Replenishment	Science Panel
11:55	Facilitator Remarks	Jessie Lacy
12:10	Lunch Break	
1:00	Panel Discussion #3: Biological Connections	Science Panel
1:45	Facilitator Remarks	Jessie Lacy
1:55	Panel Discussion #4: Habitat Disturbance and Recovery	Science Panel
2:45	Facilitator Remarks	Jessie Lacy
3:00	Break	
3:15	Panel Discussion #5: Future Planning and Monitoring	Science Panel
4:15	Facilitator Summary	Jessie Lacy
4:30	Adjourn	

## **SAND MINING SCIENCE ADVISORY PANEL PARTICIPANTS**

Detailed biography located at <http://www.bcdc.ca.gov/dredging/sandMining.shtml>

Jessie Lacy, Ph.D – Physical Oceanographer, USGS - Moderator

Patrick Barnard Ph.D - USGS Coastal Geologist

Aaron Carlisle, Ph.D – Marine Biologist, Postdoctoral Research Fellow, Hopkins Marine Station

Scott Fenical, PE – Coastal Engineer, Principal, Coast & Harbor Engineering, Inc.

Jay Johnson - Senior Oceanographer, Managing Principal, Applied Marine Sciences, Inc.

James Lindholm Ph.D. - Marine Ecologist, California State University Monterey Bay

Francis Parchaso – Marine Biologist, USGS

Mark Stacey Ph.D - Professor, Civil and Environmental Engineering, UC Berkeley

Jan Thompson, Ph.D - Research Biologist, Aquatic Ecologist, USGS

Paul Work Ph.D., P.E., D.CE – USGS California Water Science Center