

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT
MEETING DATE: May 9, 2012

ITEM 6

SUBJECT: **Monitoring Strategies for Chemicals of Emerging Concern in California's Aquatic Ecosystems**– Presentation by Adam Olivieri, Member of the State Water Resources Control Board's Science Advisory Panel

DISCUSSION: Chemicals of emerging concern (CECs) are pollutants in water and wastewater that have been infrequently monitored or infrequently detected during past monitoring. Since CECs historically have not been the focus of our regulatory actions, there is limited knowledge about their sources, pervasiveness, and effects. In accordance with the provisions of its Recycled Water Policy, the State Water Board convened a panel of experts to provide recommendations on how current knowledge of CECs should influence the Water Boards' regulatory activities. This science advisory panel was initially established in 2009 to address questions about monitoring and regulating CECs during recycled water use, including groundwater recharge/reuse and urban landscape irrigation.

Since the completion of the science advisory panel's initial report specific to recycled water use in 2010, the State Water Board expanded the panel's charge to also provide guidance on appropriate monitoring and management strategies for CECs in California's freshwater ecosystems. Dr. Adam Olivieri, principal of Eisenberg Olivieri & Associates and a former Water Board staff member, has been a member of the panel since its inception and will present the panel's findings and implications for our monitoring and regulation of CECs.

RECOMMENDATION: No action needed – information item.