

Announcement from the Southern California Coastal Ocean Observing System (SCCOOS)---

27 NOVEMBER 2006 - SCCOOS collaborates with City of Los Angeles to provide environmental data support for the Hyperion Discharge

SCCOOS was contacted by the City of Los Angeles City of Los Angeles Environmental Monitoring Division to provide ocean data support for a discharge scheduled for 28-30 November 2006 one mile off the coast of Santa Monica Bay. Organizations coordinating the data support for this event include City of Los Angeles Environmental Monitoring Division, Scripps Institution of Oceanography, University of Southern California, Jet Propulsion Laboratory, and University of California, Los Angeles.

Surface current maps, derived from an array of HF radars, are being used to assist in tracking the discharge plume offshore of the beaches. The California State Coastal Conservancy has funded the installation of the HF radars array as part of the statewide ocean currents monitoring program, COCMP, with additional operational support received from NOAA. Wave-driven currents within the surf zone are being forecasted to provide estimates of how far down-coast the sewage may move once it reaches shore. The research vessel R/V Seaworld will conduct boat-based tracking of the discharge plume, in addition to phytoplankton and nutrient sampling. Remote sensing data from satellites (clouds permitting) will be made available to optically track the spatial extent of the discharge's surface plume. Up-to-date wind and rain observations and forecasts also are being conducted. A link to this environmental data support on the SCCOOS web site is available here. To learn more about the Hyperion Treatment Plant, click here.

Relevant Links:

<http://www.sccoos.org/news.html#27NOV06>

<http://sccoos.ucsd.edu/projects/hyperion/>

http://www.lasewers.org/treatment_plants/hyperion/5-mile-outfall/index.htm