

**INFORMATIONAL  
CALENDAR ITEM  
C131**

A 54, 55

06/23/11

W 16001

W 10442

S 27, 28

R. B. Greenwood

**STAFF REPORT ON THE  
MONITORING OF POSSIBLE SUBSIDENCE,  
LONG BEACH UNIT, WILMINGTON OIL FIELD,  
LOS ANGELES COUNTY**

**PARTY:**

California State Lands Commission  
Attn: Mr. Curtis L. Fossum, Executive Officer  
100 Howe Avenue, Suite 100-South  
Sacramento, CA 95825-8202

**BACKGROUND:**

The City of Long Beach conducts surveys twice each year, usually in May and November, for the purpose of monitoring changes in ground elevation of the Long Beach tidelands and adjacent areas. The Commission's staff reviews and interprets the benchmark elevation data from these semi-annual surveys. This report covers benchmarks surveyed in October, 2010 and compares elevation changes that have occurred since completion of the previous survey in May, 2010.

The Harbor District remained stable with the exception of an elevation gain of up to 0.063 feet (0.76 inches) at Pier S. The elevation increase was the result of increased water injection by the Long Beach Gas and Oil Department (LBGO) during the last six months.

Elevations throughout the Civic Center, Central City, Alamitos Bay, Naples and Offshore areas remained stable during this period with the exception of an elevation gain of up to 0.096 feet (1.2 inches) in a portion of the offshore area surrounding Island Grissom. LBGO is mitigating the elevation change in this area by decreasing water injection requirements.

The results of the next regular elevation survey, conducted in May, 2011, will be reported to the Commission after the data have been received and analyzed by the Commission's Staff.

CALENDAR ITEM NO. **C131** (CONT'D)

**EXHIBIT:**

A. Location Map

**PERMIT STREAMLINING ACT DEADLINE:**

N/A