

MINUTE ITEM
This Calendar Item No. C73
was submitted for information
only, no action thereon
being necessary.

**INFORMATIONAL
CALENDAR ITEM
C73**

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**STAFF REPORT ON THE MONITORING FOR
POSSIBLE SUBSIDENCE AND SEISMIC HAZARDS,
LONG BEACH UNIT, WILMINGTON OIL FIELD,
LOS ANGELES COUNTY**

PARTY:

California State Lands Commission
100 Howe Avenue, Suite 100-South
Sacramento, CA 95825-8202

BACKGROUND:

The City of Long Beach conducts surveys twice each year, 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 bench marks surveyed in May 2001 and compares elevation changes that have occurred since completion of the previous survey in November 2000.

Within the Harbor District, surface elevation losses of up to 0.08 feet (0.96 inches) were observed. These decreased surface elevations in the west Wilmington are related to changes in water injection and well realignments and continuing harbor redevelopment at Pier S and the Naval Shipyard. The Central City and Alamitos Bay areas remained stable for the six-month period. The oil islands also remained stable having no significant change in elevations. The Civic Center experienced a localized minor elevation loss of 0.05 feet (0.6 inches) due to changes and adjustments in water injection rates. Minor elevation losses centered along Henry Ford Avenue are slowly stabilizing with increased

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water injection since the steam flood operations were curtailed.

The results of the next regular elevation survey, to be conducted in November 2001, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

No seismic event originated within the Long Beach Unit during the review period November 2000 to May 2001. The Commission's staff will continue to advise the Commission of any change in seismic activity in the vicinity of the Long Beach Unit.

EXHIBIT:

A. Location Map

PERMIT STREAMLINING ACT DEADLINE:

N/A

