

MINUTE ITEM  
This Calendar Item No. C48  
was submitted for Information  
only, no action thereon  
being necessary.

Minute Item  
C48

12/09/04  
W 16008  
W 10437  
V. Duda

CALIFORNIA STATE LANDS COMMISSION  
(INFORMATIONAL)

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INFORMATIONAL  
CALENDAR ITEM  
**C48**

A 57, 58

12/09/04  
W 16008  
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V. Duda

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**STAFF REPORT ON THE  
MONITORING FOR POSSIBLE SUBSIDENCE,  
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 benchmarks surveyed in May 2004 and compares elevation changes that have occurred since completion of the previous survey in November 2003.

Minor elevation changes occurred within the Harbor District. Pier T had a localized elevation loss of up to -0.030 feet (-0.36 inches) due to construction adjacent the old Navy dry dock. The southernmost wharf of Pier J had an elevation loss of -0.033 feet (-0.396 inches).

Elevation losses of up to -0.038 feet (-0.456 inches) continue over the curtailed Tar steam flood area west of Henry Ford Ave. The steam flood, initiated in the 1980s, was terminated in 1999 due to subsurface shale compaction caused by high temperatures derived from the steam injection.

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Elevations throughout the Civic Center, Central City, Alamitos Bay and Naples remained stable or increased slightly in elevation. A minor elevation increase of 0.05 feet (0.60 inches) occurred along Cherry Avenue south of Anaheim Street and extended into the offshore including Island Grissom. The remaining Oil Islands remained stable with no significant elevation change.

The results of the next regular elevation survey, to be conducted in November 2004, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

**EXHIBIT:**

A. Location Map

**PERMIT STREAMLINING ACT DEADLINE:**

N/A

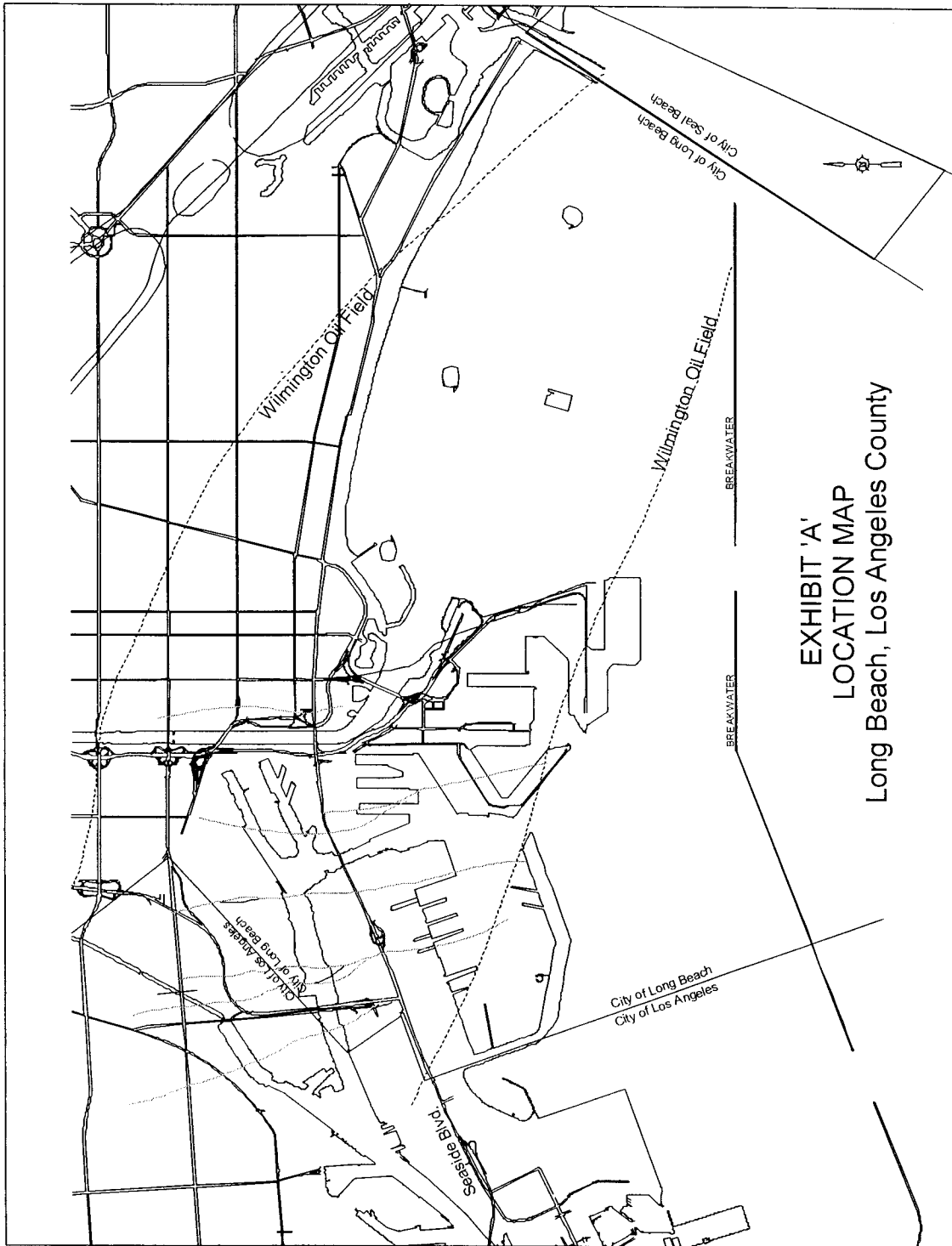


EXHIBIT 'A'  
 LOCATION MAP  
 Long Beach, Los Angeles County

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