MINUTE ITEM

This Calendar Item No. C52 was approved as Minute Item No. 52 by the California State Lands Commission by a vote of 2 to 0 at its 06-07-04 meeting.

INFORMATIONAL
CALENDAR ITEM
C52

06/07/04
W 16008
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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 November 2003 and compares elevation changes that have occurred since completion of the previous survey in May 2003.

Minor elevation changes occurred within the Harbor District. A small area at the ends of Piers E, F, and T lost up to –0.045 feet (-0.54 inches) in elevation. An area just to the north in the center of Pier A had elevation losses of 0.06 feet (-0.72 inches).

Elevation loses of up to -0.086 feet (-1.03 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.

The Oil Islands and most of the Civic Center remained stable. An Area north of the Civic center had elevation losses of –0.053 feet (-0.64 inches). A localized

area between 7th St. and Anaheim St. along Alamitos Ave. gained over 0.05 feet (0.60 inches). The Alamitos Bay and Naples Island area remained stable during this period.

The results of the next regular elevation survey, to be conducted in May 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

W 16008
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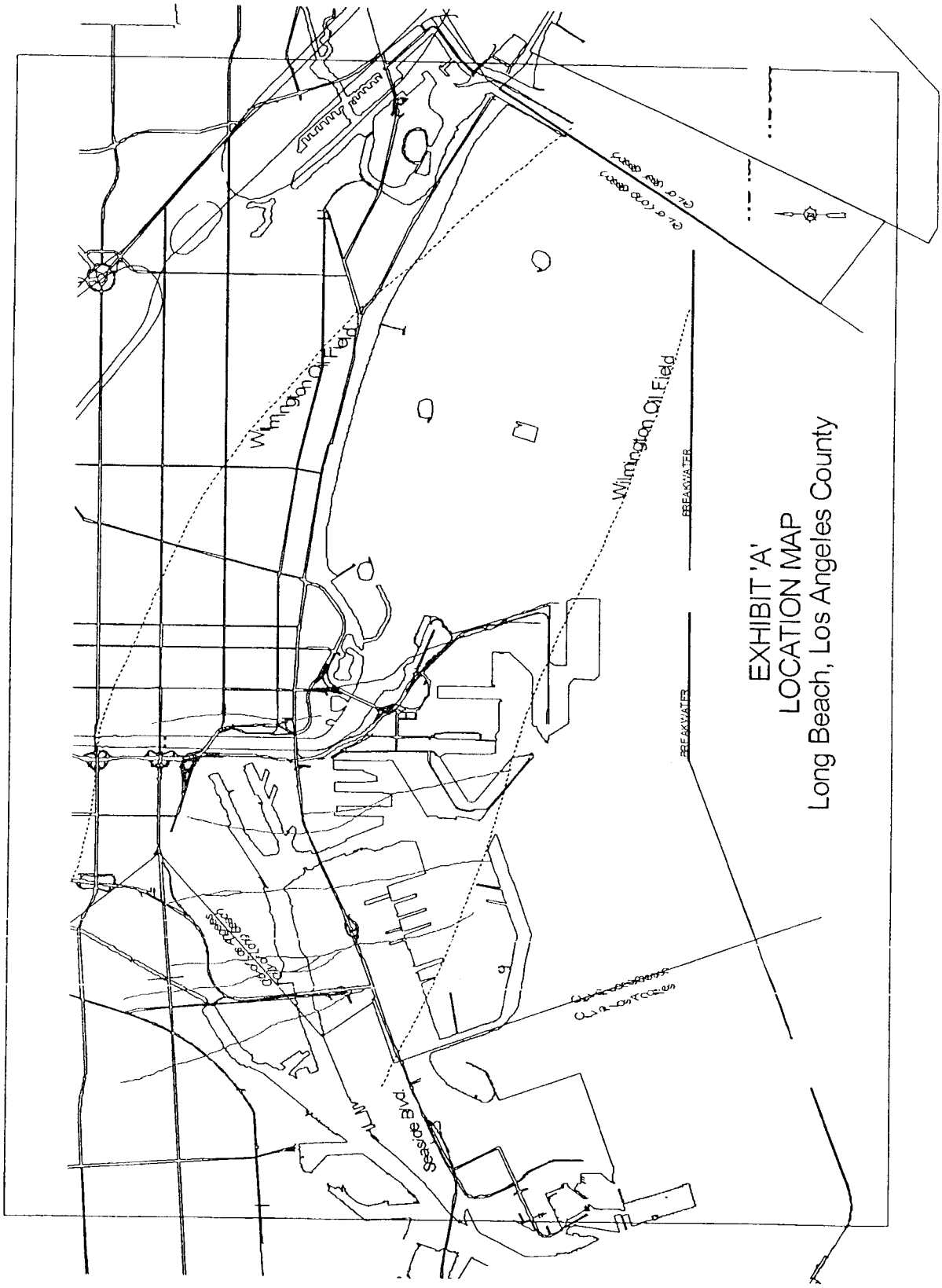

EXHIBIT 'A'
LOCATION MAP
Long Beach, Los Angeles County