Minute Item
C77

05/10/07
W 16001
W 10440
V. Duda

CALIFORNIA STATE LANDS COMMISSION
(INFORMATIONAL)

Item C77 was INFORMATIONAL only.
No vote was taken.

INFORMATIONAL
CALENDAR ITEM
C77

A 54, 55

S 27, 28

05/10/07
W 16001
W 10440
V. Duda

STAFF REPORT ON THE MONITORING OF 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 2006 and compares elevation changes that have occurred since completion of the previous survey in May 2006.

The Harbor district continued to remain stable with the exception of two areas. An elevation gain of up to 0.072 feet (0.86 inches) was observed on Pier D and an elevation loss of up to -0.068 feet (-0.82 inches) occurred on the northern edge of Pier S. These minor elevation changes are due to ongoing waterflood adjustments during oil field development operations.

Elevation losses slowed significantly over the curtailed Tar steam flood area west of Henry Ford Avenue. A loss of -0.033 feet (-0.40 inches) was measured north of Cerritos Channel. The steam flood, initiated in the 1980s, was terminated in 1999 because of possible subsurface compaction that may have been caused by high temperatures derived from the steam injection.

Elevations throughout the Civic Center, Central City, Alamitos Bay and Naples remained stable. The Oil Islands also remained stable during the period.

The results of the next regular elevation survey, to be conducted in May 2007, will be reported to the Commission after the data have been received and analyzed by the Commission's staff.

EXHIBIT:

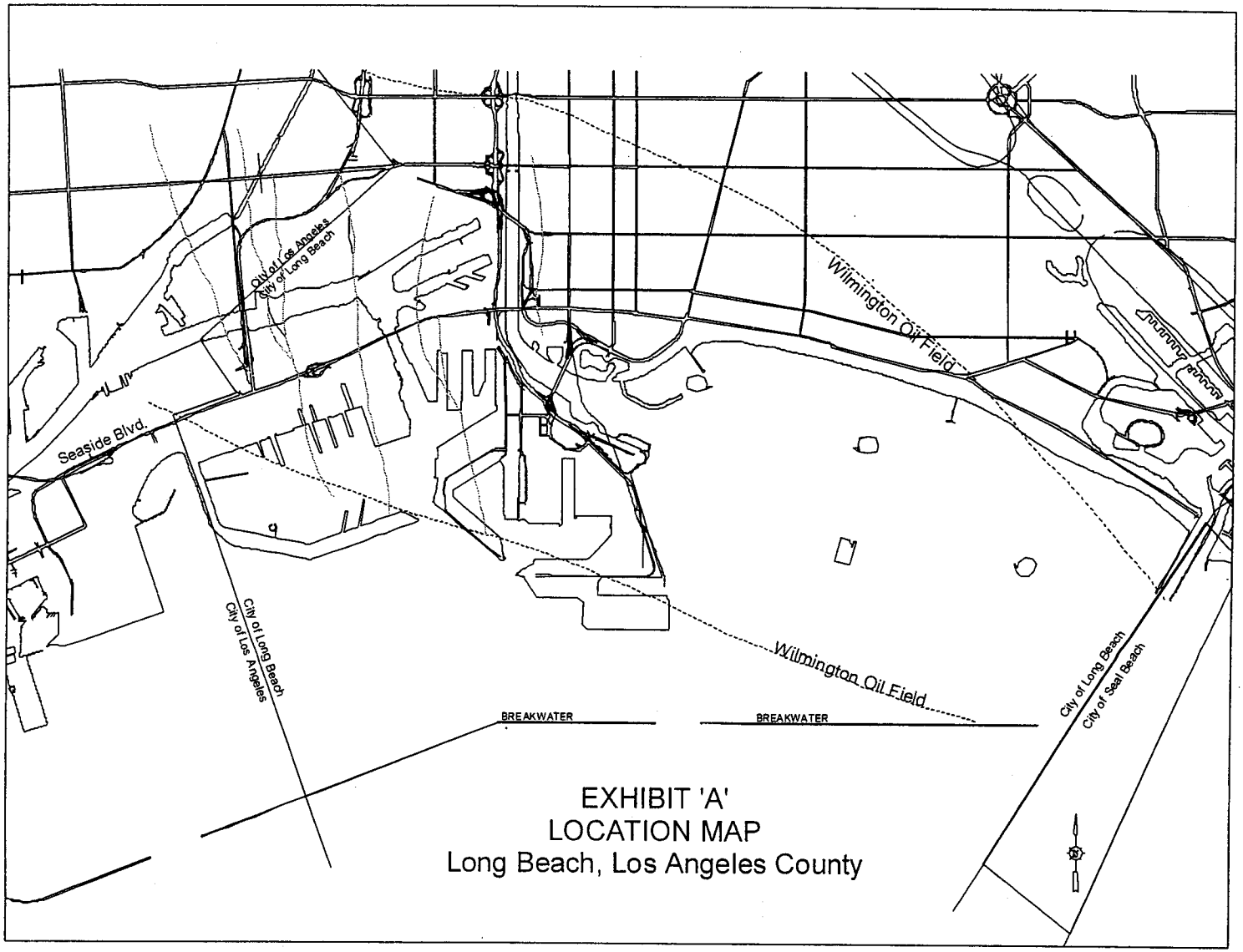
A. Location Map

PERMIT STREAMLINING ACT DEADLINE:

N/A (not a "development project' subject to the Act)

W 16001
W 10440
V. Duda

EXHIBIT A



000461
CALENDAR PAGE
001258
MINUTE PAGE

No Text On This Page

Calendar Page 462

&

Minute Page 1259