

**INFORMATIONAL  
CALENDAR ITEM  
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**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 2009 and compares elevation changes that have occurred since completion of the previous survey in May 2009.

Elevations throughout the Civic Center, Central City, Alamitos Bay, Naples and the oil islands remained stable during this period.

The Harbor District remained stable during the six-month period except for two areas of minor elevation loss in the vicinity of the Port of Long Beach. Pier H experienced a localized elevation decrease of 0.068 feet (0.82 inches). An elevation loss of up to 0.080 feet (0.96 inches) occurred in the vicinity of the Port of Long Beach (POLB) Middle Harbor Redevelopment Project on Piers D, E, F, and T. Elevation loss was the result of abandonment of oil production and water injection facilities on Pier E. The elevation change in these areas is being mitigated by increasing and realigning the water injection with replacement injection wells.

The results of the next regular elevation survey, conducted in May 2010, 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)

EXHIBIT A

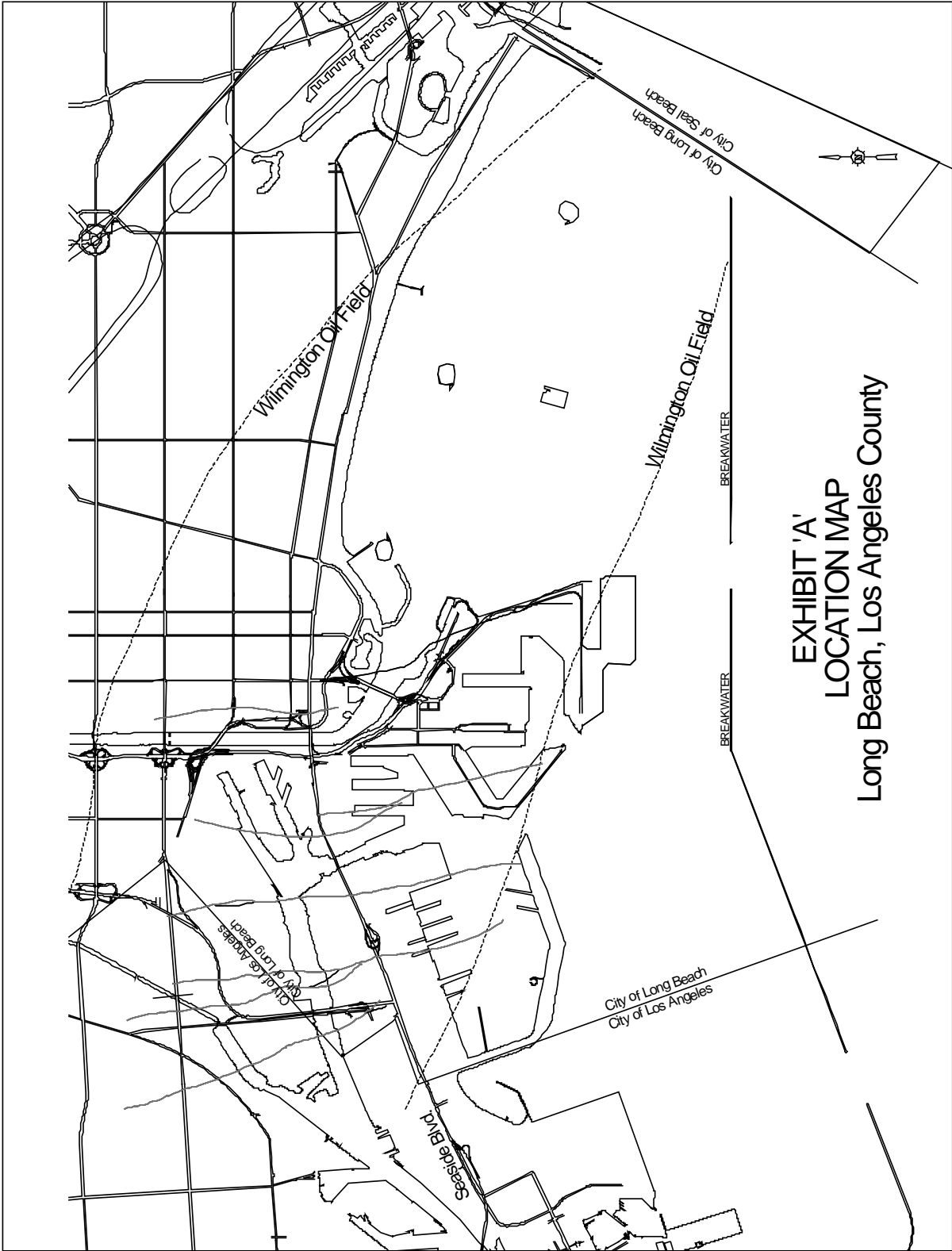


EXHIBIT 'A'  
LOCATION MAP  
Long Beach, Los Angeles County