MINUTE ITEM

This Calendar Item No. C53 was approved as Minute Item No. 53 by the California State Lands Commission by a vote of 2 to 0 at its 06/07/04 meeting.

CALENDAR ITEM

C53

A 54, 55

S 27, 28

06/07/04
W 10438
C. Duda

CONSIDER PRIOR APPROVAL OF SUBSIDENCE COSTS FOR VERTICAL MEASUREMENTS AND STUDIES, 2004-2005 FISCAL YEAR, CITY OF LONG BEACH, LOS ANGELES COUNTY

APPLICANT:

City of Long Beach
Department of Oil Properties
Attn.: Mr. Christopher J. Garner, Director
211 E. Ocean Blvd., Suite 500
Long Beach, CA 90802

BACKGROUND:

The City of Long Beach (City) conducts ground elevation measurement surveys and studies twice each year throughout the Harbor District for the purpose of monitoring changes that may be attributable to subsidence. The project consists of vertical measurements and studies in the City of Long Beach between July 1, 2004 and June 30, 2005. A major portion of the work effort and cost is in the vertical measurement (elevation) surveys and studies. The City estimates the cost of the work to be:

Vertical Measurements	$125,000
Fixed GPS Base Stations	$ 30,000
Studies, Evaluations, and Reports	$155,000
	$310,000

Historically, the primary method for monitoring vertical subsidence in Long Beach has been spirit leveling. The semi-annual surveys are now being conducted utilizing state of the art Global Position Satellite (GPS) technology. The estimated survey costs reflect continued operating efficiencies for GPS surveying. Field data collection time has been reduced by 50 percent (50%), and

the 800 spirit leveled benchmarks have been reduced to approximately 200 GPS benchmarks. Since implementing the GPS technology, costs for vertical measurements have decreased by over 50 percent (50%). Costs for vertical measurements for fiscal year 2004/2005 include survey acquisition, professional processing, reporting, benchmark maintenance, and mobile GPS equipment repair.

The estimated cost for fixed GPS stations includes base station service/ maintenance, monitoring, equipment repairs, and technical support from the consultant.

FISCAL IMPACT:

Subsidence costs for vertical measurements and studies conducted in Long Beach are deducted from the Long Beach tidelands oil revenues, with the prior approval of the California State Lands Commission in accordance with Chapter 138, Statutes of 1964, First Extraordinary Session, Section 1(e).

STATUTORY AND OTHER REFERENCES:

A. The proposed expenditures are authorized by Chapter 138, Statutes of 1964, First Extraordinary Session, Section 1(e) subject to prior approval by the California State Lands Commission.

OTHER PERTINENT INFORMATION:

1. The City of Long Beach has determined that the project is exempt from the requirements of the CEQA as a categorically exempt project under Class 6, Information Collection, Title 14, California Code of Regulations, section 15306.

2. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (Title 14, California Code of Regulations, section 15061), staff recommends that the Commission concur with the City's determination.

EXHIBITS:

A. Location Map
B. Cost Estimate

PERMIT STREAMLINING ACT DEADLINE:

N/A

RECOMMENDED ACTION:
IT IS RECOMMENDED THAT THE COMMISSION:

CEQA FINDING:

CONCUR WITH THE CITY OF LONG BEACH'S DETERMINATION THAT THE PROPOSED ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF CEQA AS A CATEGORICALLY EXEMPT PROJECT, CLASS 6, INFORMATION COLLECTION; AND

AUTHORIZATION:

APPROVE SUBSIDENCE COSTS, AS DEFINED IN CHAPTER 138, STATUTES OF 1964, FIRST EXTRAORDINARY SESSION, SECTION 1(e) AND AS SHOWN ON EXHIBIT B, ATTACHED HERETO, BY THIS REFERENCE MADE A PART HEREOF, PROPOSED TO BE EXPENDED BY THE CITY OF LONG BEACH, FOR SUBSIDENCE VERTICAL MEASUREMENTS AND STUDIES TO BE CONDUCTED IN THE LONG BEACH HARBOR DISTRICT BETWEEN JULY 1, 2004 AND JUNE 30, 2005, SUBJECT TO THE CONDITION THAT THE WORK CONFORMS IN ESSENTIAL DETAILS TO THE DEFINITIONS AND PROCEDURES FOR SUCH WORK ESTABLISHED BY THE COMMISSION ON JUNE 27, 1979, MINUTE ITEM 27

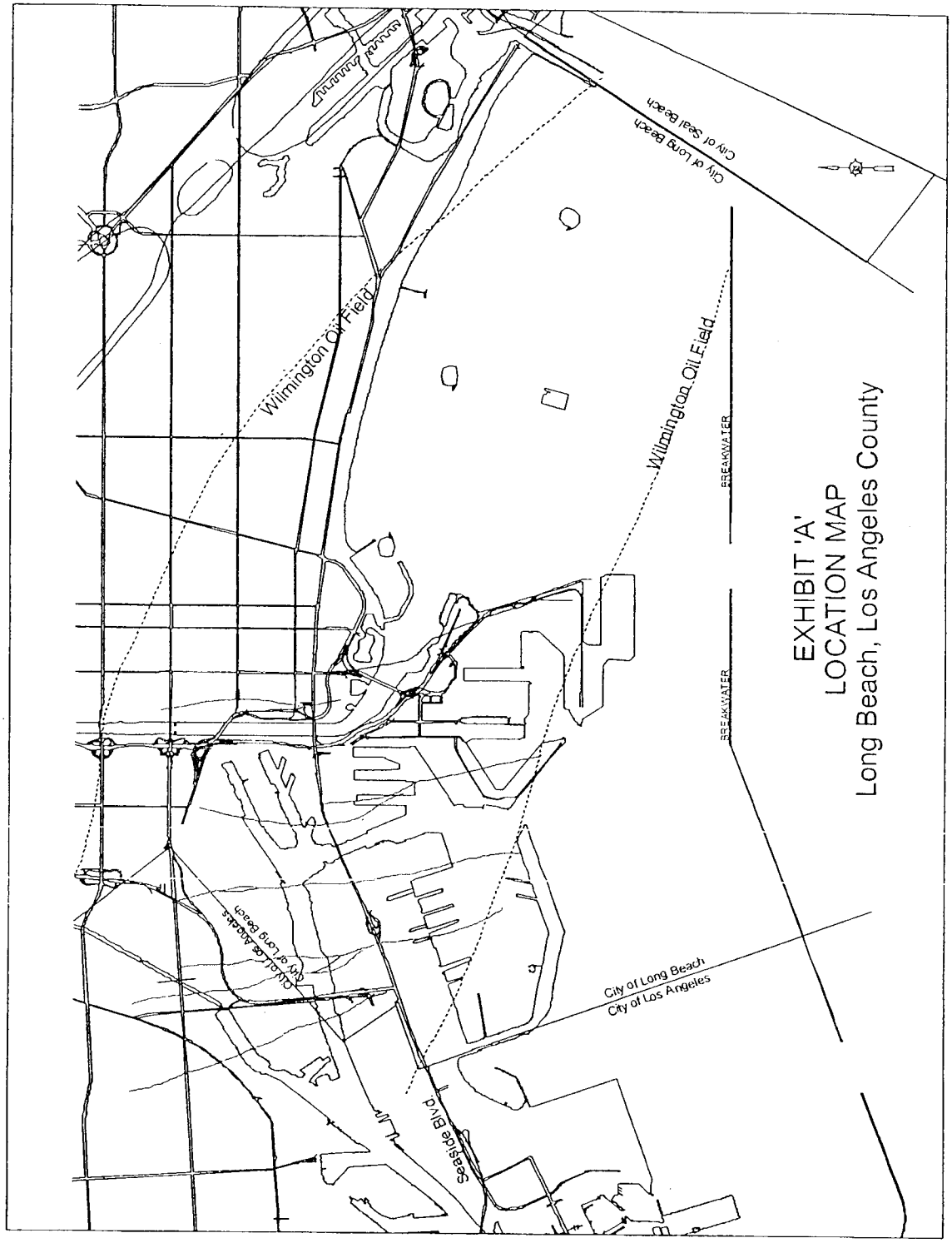
City of Long Beach
City of Seal Beach
Wilmington Oil Field
Wilmington Oil Field
BREAKWATER
BREAKWATER
City of Long Beach
City of Los Angeles
Seaside Blvd
EXHIBIT 'A'
LOCATION MAP
Long Beach, Los Angeles County

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EXHIBIT B

COST ESTIMATE
LONG BEACH WORK ORDER NO. W10438
Estimates Submitted by City of Long Beach for
Subsidence Vertical Surveys
2004-2005 Fiscal Year

ITEM	PROPOSED WORK		RECOMMENDED APPROVAL
1.	Vertical Measurements		$125,000
2.	Fixed GPS Base Stations		$30,000
3.	Studies, Evaluations, and Reports		$155,000
		Total	$310,000