

**MINUTE ITEM**

This Calendar Item No. C53 was approved as Minute Item No. 53 by the California State Lands Commission by a vote of 3 to 0 at its 02-09-06 meeting.

**CALENDAR ITEM  
C53**

A 20, 21

02/09/06

S 8, 10

PRC 8667

W 6005.106

R. Greenwood

**CONSIDER APPROVAL OF A NON-EXCLUSIVE  
GEOLOGICAL SAMPLE PERMIT  
ON DESIGNATED TIDE AND SUBMERGED LANDS  
UNDER THE JURISDICTION OF THE  
CALIFORNIA STATE LANDS COMMISSION**

**APPLICANT:**

San Francisco Public Utilities Commission  
Attn.: Mr. Scott Mac Pherson  
1145 Market Street, Suite 401  
San Francisco, CA 94103

**BACKGROUND:**

The geological sample permit would authorize the gathering of data that will be used in the design and routing of a proposed underground trans-bay water pipeline (pipeline) connecting a valve house in the city of Newark, Alameda County, to a receiving valve house facility at Ravenswood in San Mateo County and preparation of an environmental impact report (EIR) for such pipeline. The proposed five mile long underground pipeline, with a diameter of approximately eight feet, is to be buried throughout its route under South San Francisco Bay.

The geological survey will obtain deep core samples, using rotary wash drilling, of the beds of the South San Francisco Bay, Newark Slough, and Plummer Creek to gather geotechnical information about the subsurface conditions and soil composition of the route of the proposed pipeline.

The proposed project involves 15 rotary wash borings in the South San Francisco Bay, Newark Slough, and Plummer Creek, along the proposed pipeline alignment over a period of approximately 45 days (one to three days at each boring location). The deep geologic samples may be collected at locations,

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as generally depicted on Exhibit A (attached hereto), and as specifically described in Exhibit B (attached hereto), utilizing rotary wash drilling methods, down-hole testing (vane shear testing, pressure meter testing, and down hole seismic velocity profiling), and cone penetration tests from a self-contained vessel.

Borings are anticipated to be approximately 180 feet deep, with a few extending to approximately 400 feet. The borings will be advanced using a 6-inch drag bit or tri-cone bit, biodegradable drilling fluid, in a closed circulation system, completely isolated from the Bay waters. After drilling and sampling, the boreholes will be backfilled with clean cement grout. Drill cuttings, drilling fluid, and wash water will be retained in 55-gallon steel drums for testing and disposal at an approved landfill.

The vessels (drilling barge, supply barge, tug boat, and crew boat) are typically no larger than a fishing boat (usually 50 to 150 feet in length, with a six-foot draft). The California State Lands Commission will receive copies of all data derived from any and all surveys conducted under the proposed permit upon request.

**TERM OF PROPOSED PERMIT:**

Three years beginning February 10, 2006, through February 9, 2009.

**PREREQUISITE CONDITIONS, FEES AND EXPENSES:**

Required fees, expense deposit and other security have been received.

**STATUTORY AND OTHER REFERENCES:**

- A. Public Resources Code section 6826
- B. California Code of Regulations section: Title 2, section 2905(e)(3)
- C. California Code of Regulations section: Title 14, section 15061

**OTHER PERTINENT INFORMATION:**

1. The City and County of San Francisco's Public Utilities Commission (SFPUC) is the project applicant and has provided copies of its project description to and coordinated the project with the following agencies: San Francisco Bay Regional Water Quality Control Board (RWQCB), and the National Marine Fisheries Service (NOAA), each of which has considered the proposed activities and have not raised any issue or concern.

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The project activities are compliant with the Bay Area Air Quality Management District and avoid intrusion into the Don Edwards Wildlife Refuge. No shipwrecks are known to occur in the project area, according to the Commission's Shipwreck database. The proposed permit for the geologic activities requires, however, that any shipwrecks encountered during the activities will be reported to the staff of the Commission. A Spill Contingency Plan has been also provided and reviewed by staff.

2. On January 3, 2006, the SFPUC, acting as the lead agency under the provisions of the California Environmental Quality Act (CEQA), determined that the geologic survey activities, as described above, were categorically exempt from the CEQA pursuant to section 15306 under Class 6, Information Collection. Staff concurs with the SFPUC's determination.
3. This activity involves lands identified as possessing significant environmental values pursuant to Public Resources Code section 6370, et. seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

**EXHIBITS:**

- A. Permit Location Map
- B. Land Description

**PERMIT STREAMLINING ACT DEADLINE:**

July 26, 2006 (CSLC acting as a responsible agency under the CEQA)

**RECOMMENDED ACTION:**

IT IS RECOMMENDED THAT THE COMMISSION:

**CEQA FINDINGS:**

CONCUR WITH THE SAN FRANCISCO PUBLIC UTILITIES COMMISSION'S DETERMINATION THAT THE ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF THE CEQA PURSUANT TO TITLE 14, CALIFORNIA CODE OF REGULATIONS, SECTION 15061 AS A CATEGORICALLY EXEMPT PROJECT, UNDER CLASS 6, INFORMATION COLLECTION, TITLE 14, CALIFORNIA CODE OF REGULATIONS, SECTION 15306.

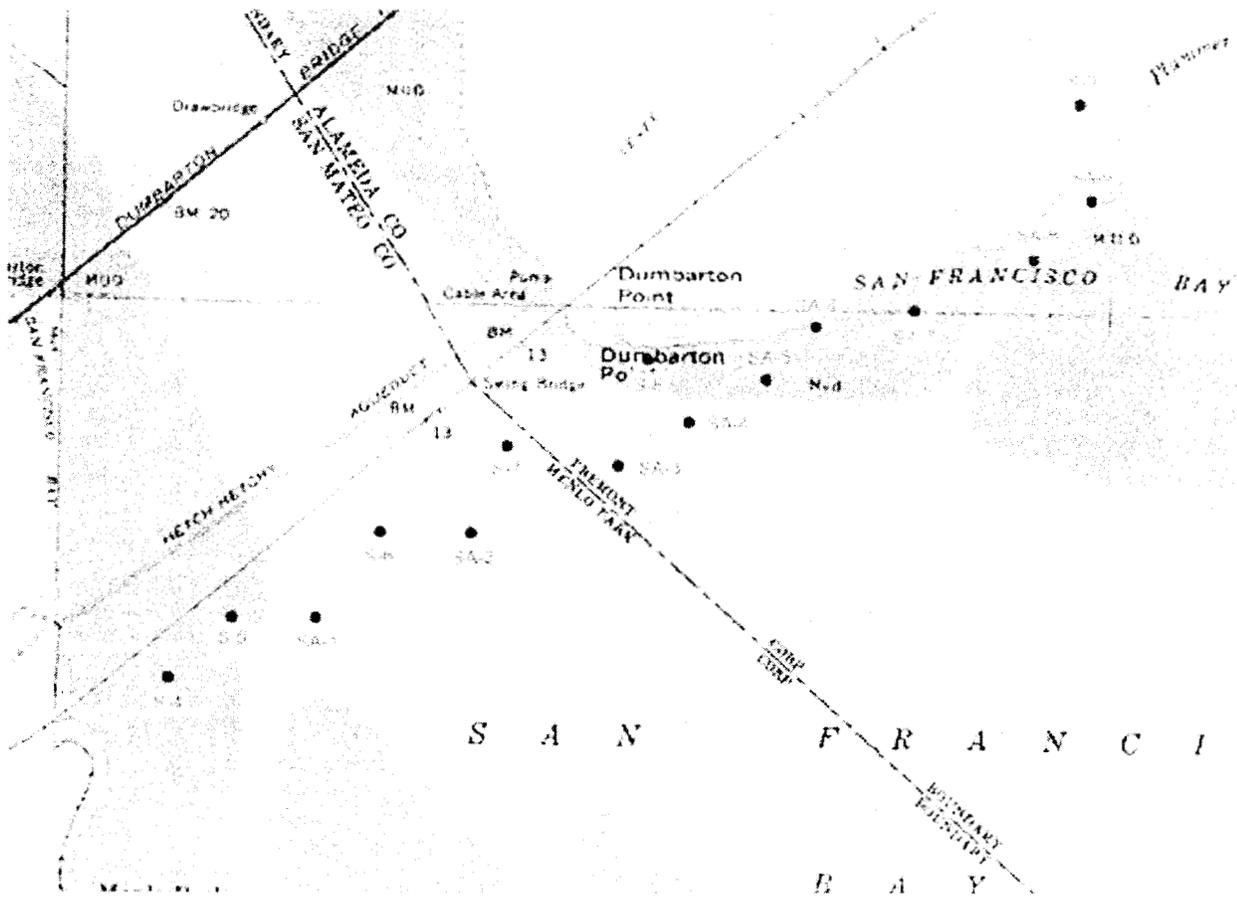
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**AUTHORIZATION:**

AUTHORIZE ISSUANCE TO THE SAN FRANCISCO PUBLIC UTILITIES COMMISSION OF A NON-EXCLUSIVE GENERAL PERMIT TO CONDUCT A GEOLOGICAL SAMPLING PROGRAM AS HEREIN DESCRIBED DURING THE PERIOD FEBRUARY 10, 2006, THROUGH FEBRUARY 9, 2009, WITHIN THE PERMIT REGION AS DESIGNATED ON EXHIBITS A AND B, ATTACHED HERETO.

NO SCALE

**SITE**



**SAN FRANCISCO PUBLIC UTILITIES COMMISSION  
GEOLOGICAL SAMPLING, SOUTH SAN FRANCISCO BAY**

NO SCALE

**LOCATION**



**Exhibit A**

W 6005.106  
GENERAL LEASE  
PUBLIC AGENCY  
SAN FRANCISCO BAY  
ALAMEDA and SAN  
MATEO COUNTIES



This Exhibit is solely for purposes of generally defining the lease premises; is based on unverified information provided by the Lessee or other parties and is not intended to be, nor shall it be construed as, a waiver or limitation of any State interest in the subject or any other property.

MAP SOURCE: USGS QUAD

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## LAND DESCRIPTION

Fifteen (15) circular parcels of tide and submerged land in the bed of San Francisco Bay, having a 33 foot diameter, situated in Alameda and San Mateo Counties, California, center of said parcels have the following California Coordinates System 1983, Zone 3 Coordinates:

<b>Parcel S-4 -</b>	Northing = 2,004,253.0257, Easting = 6,091,183.3475
<b>Parcel S-5 -</b>	Northing = 2,004,948.3475, Easting = 6,091,920.8321
<b>Parcel S-6 -</b>	Northing = 2,005,930.3791, Easting = 6,093,630.4413
<b>Parcel S-7 -</b>	Northing = 2,006,916.6722, Easting = 6,095,098.2048
<b>Parcel S-8 -</b>	Northing = 2,007,900.2844 ,Easting = 6,096,727.0034
<b>Parcel S-9 -</b>	Northing = 2,010,850.3432, Easting = 6,101,693.2508
<b>Parcel SA-1 -</b>	Northing = 2,004,931.6332 ,Easting = 6,092,887.7885
<b>Parcel SA-2 -</b>	Northing = 2,005,912.3395 ,Easting = 6,094,677.9396
<b>Parcel SA-3 -</b>	Northing = 2,006,692.2928 ,Easting = 6,096,383.9201
<b>Parcel SA-4 -</b>	Northing = 2,007,184.1252 ,Easting = 6,097,198.3169
<b>Parcel SA-5 -</b>	Northing = 2,007,674.6060 ,Easting = 6,098,093.2556
<b>Parcel SA-6 -</b>	Northing = 2,008,271.7378 ,Easting = 6,098,667.6062
<b>Parcel SA-7 -</b>	Northing = 2,008,454.7742 ,Easting = 6,099,799.0254
<b>Parcel SA-8 -</b>	Northing = 2,009,038.2622 ,Easting = 6,101,178.9972
<b>Parcel SA-9 -</b>	Northing = 2,009,735.2211 ,Easting = 6,101,835.5300

The Basis of Bearing for this description is the California Coordinates System 1983, Zone 3, and calculated using NGS Control Station RED HILL RESET, Coordinates Northing = 2,027,018.14 feet and Easting = 6,099,180.44 feet, and NGS Control Station RED HILL TOP RESET, Coordinates Northing = 2,028,069.78 feet and Easting = 6,099,425.78 feet. All distances are grid and in feet.

**END OF DESCRIPTION**

Prepared 01-30-2006 by the Boundary Unit of the California State Lands Commission.

