

**GEOPHYSICAL SURVEY PERMIT – PRE-SURVEY NOTIFICATION FORM**

SLC 602 (Revised 06/24)

**Permittee Information**Contact Name: Jonathan P. WilliamsPhone Number: 818-679-6373Email Address: jonwilliams@oxy.eduPermit #: A4502 Lease 9664**Select one:**

- ☐ New Survey
- ☒ New Survey Series
- ☐ Existing Survey Series
- ☐ Time Extension

**Section 1: Pre-Survey Notification Package.** Please use the boxes below to verify that the required documents are included in the Pre-Survey Notification Package:

- ☒ Pre-Survey Notification Form
- ☒ Navigation chart, as well as GPS coordinates or a shapefile for proposed track lines (bounding coordinates for the survey area are acceptable if track lines are not known; all coordinates should be in decimal degrees)
- ☒ Résumé(s) of Marine Wildlife Monitor(s)

**Section 2: Pre-Survey Notices.** Please use the boxes below to verify that notifications have been sent to the following:

- ☒ U.S. Coast Guard Local Notice to Mariners
- ☒ Harbormasters' offices of regional harbors near the survey area

**Section 3: Survey Details.**Date(s) of operation (survey window): 8/18/2025 - 12/23/2025Number of survey days (approximate): 8Survey location: Shoreline adjacent to the City of San ClementeHours of operation: 0800-1600

Survey purpose/objective:

The Orange County Transportation Authority (OCTA) is working to increase the protection of a vital coastal rail corridor in San Clemente, California. One element of this effort is to replenish the sand along the beach that is eroded away by wave action. Concerns regarding sand replenishment efforts include the eventual redistribution of the sand off the beach and into the coastal waters where it may settle on or affect intertidal and subtidal habitats. This study monitors the area's subtidal habitats, plants, and animals to assess the potential impacts of the sand replenishment effort.

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**Section 4: Vessel Details.**Vessel name: D/V Obscurus; R/V NeoclinusVessel official number: CF 2261 VH; CF 1898 VHVessel captain's name: Jessica PeriaRadio channel(s) to be monitored by vessel: VHF 16**Section 5: Survey Equipment Characteristics and Safety Zones.**

<b>Equipment type</b>	EdgeTech 6205 Bathymetry and Side Scan Sonar
Frequency	540 kHz (Bathymetry and Side Scan) & 1600 kHz (Side Scan)
Source level (dB re 1 uPa at 1 m [rms and peak])	215 & 216 (rms only)
Number of beams	2
Across and along track beamwidth	across = 100 deg along: 540 bathy = 0.5 deg; 540 kHz side scan = 0.36 deg
Pulse rate/length	rate: up to 60 Hz length: 540 = 0.05 - 0.7 sec; 1600 = 0.10 - 1.10 sec
Rise time	NA
Source depth	0.5 m
Tow speed	4 kts
Cable tow length	NA; pole mounted

<b>Equipment type</b>	
Frequency	
Source level (dB re 1 uPa at 1 m [rms and peak])	
Number of beams	
Across and along track beamwidth	
Pulse rate/length	
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<b>Equipment type</b>	
Frequency	
Source level (dB re 1 uPa at 1 m [rms and peak])	
Number of beams	
Across and along track beamwidth	
Pulse rate/length	
Rise time	
Source depth	
Tow speed	
Cable tow length	

**Section 6: Safety Zones.** For surveys operating equipment at a frequency < 200kHz, a safety zone around the sound source is required. The size of the safety zone is based on the modeled or calculated distance to the 160 dB (rms) threshold, as outlined in Section 2100.07 (a)(5)(D) of the Geophysical Survey Permit Program's regulations. Please list the equipment-specific safety zones below.

<b>Equipment type</b>	<b>Safety Zone</b>
NA	NA

**Section 7: Pinniped Haul-Out Sites, Marine Protected Areas (MPAs), and Other Permits/Authorizations.** Please provide answers to the following:

Are there pinniped haul-out sites within or near the survey area? If yes, please provide the location of and distance to the haul-out site(s).

NO
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Are there MPAs within or near the survey area? If yes, please provide the location of and distance to the MPA(s).

Dana Point SMCA ~ 10 km northwest

Were other permits or authorizations obtained from Federal or State agencies (e.g., from the California Department of Fish and Wildlife for work in or near MPAs)? If yes, please provide the type of permit and issuing agency.

No

**Section 8: Fishing Gear Conflicts.** If different from the person identified on Page 1, please provide the phone number and email address for the point of contact within your organization in the event of equipment entanglement with fishing gear.

Contact	Phone Number	Email Address

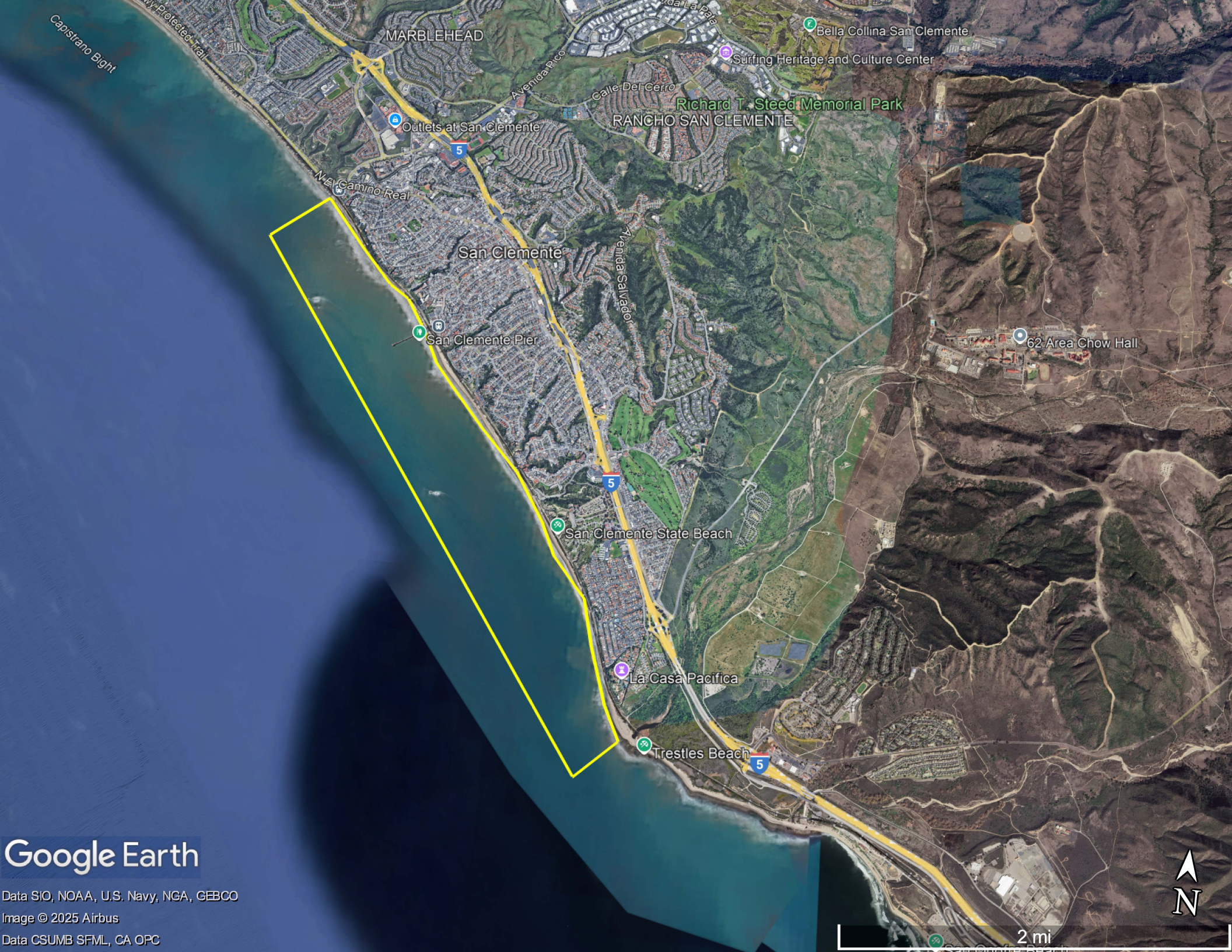
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**PRIVACY NOTICE FOR INDIVIDUALS**

Please do not provide personal information that is not requested.
The Information Practices Act of 1977 (see Civil Code section 1798 et seq.) requires this notice be provided when collecting personal information from individuals. Each individual has the right to review their personal information maintained by this agency, unless legally restricted. An individual means a natural person.
<b>AGENCY NAME / DIVISION</b> California State Lands Commission / Division of Environmental Science, Planning, and Management
<b>TITLE OF OFFICIAL RESPONSIBLE FOR MAINTENANCE OF THE INFORMATION</b> Environmental Scientist
<b>BUSINESS ADDRESS OF OFFICIAL / TELEPHONE</b> 100 Howe Avenue, Suite 100 South, Sacramento, California 95825 / (916) 574-1910.
<b>AUTHORITY THAT AUTHORIZES THE MAINTENANCE OF THE INFORMATION</b> Public Resources Code Section 6001 et seq.
<b>THE FOLLOWING ITEMS OF INFORMATION ARE VOLUNTARY; ALL OTHERS ARE MANDATORY</b> All items are mandatory unless otherwise noted.
<b>THE CONSEQUENCES, IF ANY, OF NOT PROVIDING ALL OR ANY PART OF THE REQUESTED INFORMATION</b> The form may not be able to be processed, or processing may be delayed.
<b>THE PRINCIPAL PURPOSE(S) WITHIN THE AGENCY FOR WHICH THE INFORMATION IS TO BE USED</b> To process the requested enrollment, modification, or cancellation of VPLP.
<b>KNOWN OR FORESEEABLE DISCLOSURES OF THE INFORMATION</b> The California State Auditor's Office, as well as local, state, or federal agencies and courts that have lawful access and have demonstrated a justified need, may be permitted to access your personal information.
<b>PROTECTING YOUR PRIVACY</b> State Lands Commission's <b><u>Privacy Policy Statement</u></b> ( <a href="https://www.slc.ca.gov/privacy-policy/">https://www.slc.ca.gov/privacy-policy/</a> ). <b><u>CAUTION IS YOUR COMPUTER SECURE?</u></b> ( <a href="https://oag.ca.gov/privacy/online-privacy">https://oag.ca.gov/privacy/online-privacy</a> ).





Google Earth

Data SIO, NOAA, U.S. Navy, NGA, GEBCO

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Data CSUMB SFML, CA OPC