

San Diego Regional Water Quality Control Board

**Amendment No. 1 to Clean Water Act Section 401  
Water Quality Certification No. R9-2017-0189**

**PROJECT: SONGS Riprap Repair South Project  
Certification Number R9-2017-0189**

**APPLICANT: Southern California Edison  
2244 Walnut Grove  
Rosemead, CA 91770**

Reg. Meas. ID: 417294  
Place ID: 841992  
Party ID: 554122  
Person ID: 554123  
WDID: 9000003243

On January 18, 2018, Clean Water Act Section 401 Water Quality Certification No. R9-2017-0189 (Certification) was issued to Southern California Edison (Applicant) for the SONGS Riprap Repair South Project (Project).

By letter dated October 31, 2018, Southern California Edison, requested the Certification be amended to add an additional 0.04-acre (50 linear feet) of riprap required to fully restore the riprap to its original design along the southerly length of a walkway that has been degraded by wave action over the years. Upon completion of surveys associated with the previously authorized rock installation, it was observed that additional erosion had occurred beyond that which was previously authorized under 401 Certification No. R9-2017-0189. The eroded rock has left the pedestrian walkway exposed and the waves crashing onto it. The proposed riprap will be located on areas where riprap was originally installed, so there is not an expansion of the stabilized area, just maintenance of the existing rock.

Based on the Applicant's request, the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) is amending the Certification to add an additional 0.04-acre (50 linear feet) of riprap required to fully restore riprap to its original design along the southerly length of SONGS beach front walkway. Except as modified or superseded by the Certification modifications set forth below, all of the findings, provisions and other requirements of Certification No. R9-2017-0189 remain in full force and effect. The following changes are made to Certification No. R9-2017-0189 and are shown in underline/strikeout format to indicate added and removed language:

**Page 2, PROJET DESCRIPTION is modified as follows:**

The Applicant proposes to restore the riprap materials along the southerly walkway retaining wall, restore riprap at the south end of the walkway, and restore the transition from the walkway to the beach by: (1) adding additional imported riprap; and (2) filling voids around approximately 3,740 square feet of riprap with cement slurry from the end of the asphalt walkway to the end of the newly placed riprap, which will allow for the safe passage of pedestrians. Nearly all work proposed will occur above the high tide line. Project construction will temporarily impact a maximum of ~~0.5 acre (600 linear feet)~~ 0.54 (650 linear feet) of ocean waters of the United States and/or State.

**Page 2, PROJET DESCRIPTION is modified as follows:**

**Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to the Pacific Ocean within the San Juan Watershed must not exceed the type and magnitude of impacts described in the table below. At a minimum, compensatory mitigation required to offset unavoidable temporary and permanent Project impacts to waters of the United States and/or State must be achieved as described in the table below:

	Impacts (acres)	Impacts (linear ft.)	Mitigation for Impacts (acres)	Mitigation Ratio (area mitigated : area impacted)	Mitigation for Impacts (linear ft.)	Mitigation Ratio (linear feet mitigated : linear feet impacted)
<b>Temporary Impacts<sup>1</sup></b>						
Ocean	<del>0.5</del> <u>0.54</u>	<del>600</del> <u>650</u>	NA	NA	NA	NA

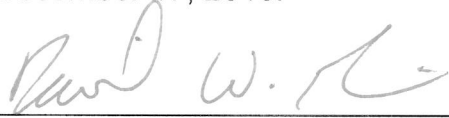
1. All areas of temporary impacts must be restored to pre-project contours.

**Notification:** Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification Amendment. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

Southern California Edison  
SONGS Riprap Repair South Project  
Certification No. R9-2017-0189

January 18, 2018  
Amended on December 17, 2018

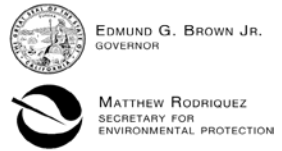
I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Amendment No. 1 to Certification No. R9-2017-0189 issued on December 17, 2018.



---

DAVID W. GIBSON  
Executive Officer  
San Diego Water Board

17 December 2018  
Date



EDMUND G. BROWN JR.  
GOVERNOR

MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## San Diego Regional Water Quality Control Board

January 18, 2018

**Certified Mail – Return Receipt Requested**

Article Number: 7011 0470 0002 8952 9629

Mr. Tom Palmisano  
Southern California Edison  
P.O. Box 4030  
San Clemente, CA 92674

**In reply/refer to:  
R9-2017-0189:841992:dbradford**

**Subject: Clean Water Act Section 401 Water Quality Certification No. R9-2017-0189  
for the SONGS Riprap Repair South Project**

Mr. Palmisano:

Enclosed find Clean Water Act Section 401 Water Quality Certification No. R9-2017-0189 (Certification) issued by the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board ) in response to the application submitted by Southern California Edison for the SONGS Riprap Repair South Project (Project). A description of the Project and Project location can be found in the Certification and site maps which are included as attachments to the Certification.

Southern California Edison is enrolled under State Water Resources Control Board Order No. 2003-017-DWQ as a condition of the Certification and is required to implement and comply with all terms and conditions of the Certification in order to ensure that water quality standards are met for the protection of wetlands and other aquatic resources. Failure to comply with this Certification may subject Southern California Edison to enforcement actions by the San Diego Water Board including administrative enforcement orders requiring Southern California Edison to cease and desist from violations or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative civil liability in amounts of up to \$10,000 per day per violation; referral to the State Attorney General for injunctive relief; and, referral to the District Attorney for criminal prosecution.

Please submit all reports and information required under this Certification in electronic format via e-mail to [SanDiego@waterboards.ca.gov](mailto:SanDiego@waterboards.ca.gov). Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to the San Diego Water Board, 2375 Northside Drive, San Diego, CA 92108. Each electronic document must be submitted as a single file, in Portable Document Format (PDF), and converted to text searchable format using Optical Character Recognition (OCR). All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted. Electronic documents submitted to the San Diego Water Board must include the following identification numbers in the header or subject line: Certification No. R9-2017-0189:841992:dbradford.

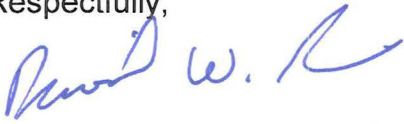
HENRY ABARBANEL, PH.D., CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

2375 Northside Drive, Suite 100, San Diego, California 92108-2700 | [www.waterboards.ca.gov/sandiego](http://www.waterboards.ca.gov/sandiego)



For questions or comments regarding the Certification, please contact Darren Bradford by telephone at (619) 521-3356 or by email at [darren.bradford@waterboards.ca.gov](mailto:darren.bradford@waterboards.ca.gov).

Respectfully,



DAVID W. GIBSON  
Executive Officer

Enclosure:

Clean Water Act Section 401 Water Quality Certification No. R9-2017-0189 for the SONGS Riprap Repair South Project

DWG:jgs:eb:dlb

cc:

Southern California Edison  
Kim Anthony  
[Kim.Anthony@sce.com](mailto:Kim.Anthony@sce.com)

U.S. Army Corps of Engineers, Regulatory  
Branch  
San Diego Field Office  
Robert Smith  
[robert.r.smith@usace.army.mil](mailto:robert.r.smith@usace.army.mil)

California Coastal Commission  
Joseph Street  
[Joseph.Street@coastal.ca.gov](mailto:Joseph.Street@coastal.ca.gov)

U.S. EPA  
Sam Ziegler  
[ziegler.sam@epa.gov](mailto:ziegler.sam@epa.gov)

State Water Resources Control Board,  
Division of Water Quality  
401 Water Quality Certification and  
Wetlands Unit  
[Stateboard401@waterboards.ca.gov](mailto:Stateboard401@waterboards.ca.gov)

Mr. Eric Becker  
San Diego Water Board  
[Eric.Becker@waterboards.ca.gov](mailto:Eric.Becker@waterboards.ca.gov)

Mr. David Barker  
San Diego Water Board  
[David.Barker@waterboards.ca.gov](mailto:David.Barker@waterboards.ca.gov)

Tech Staff Information	
Certification No.	R9-2017-0189
Party ID	554122
Reg. Meas. ID	417294
Place ID	841992
Person ID	554123
WDID	9000003243

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION**

2375 Northside Drive, Suite.100, San Diego, CA 92108  
Phone (619) 516-1990 • Fax (619) 516-1994  
<http://www.waterboards.ca.gov/sandiego/>

Clean Water Act Section 401 Water Quality Certification  
and Waste Discharge Requirements  
for Discharge of Dredged and/or Fill Materials

**PROJECT: SONGS Riprap Repair South Project  
Certification Number R9-2017-0189  
WDID: 9 000003243**

Reg. Meas. ID: 417294 Place ID: 841992 Party ID: 554122 Person ID: 554123
--

**APPLICANT: Southern California Edison  
P.O. Box 4030  
San Clemente, CA 92674**

**ACTION:**

<input checked="" type="checkbox"/> Order for Low Impact Certification	<input type="checkbox"/> Order for Denial of Certification
<input type="checkbox"/> Order for Technically-conditioned Certification	<input type="checkbox"/> Waiver of Waste Discharge Requirements
<input checked="" type="checkbox"/> Enrollment in SWRCB GWDR Order No. 2003-017-DWQ	<input type="checkbox"/> Enrollment in Isolated Waters Order No. 2004-004-DWQ

**PROJECT DESCRIPTION**

An application dated December 1, 2017 was submitted by Southern California Edison (hereinafter Applicant), for Water Quality Certification pursuant to section 401 of the Clean Water Act (33 U.S.C. § 1341) for the proposed SONGS Riprap Repair South Project (Project). The Applicant has also applied for a Clean Water Act section 404 permit from the United States Army Corps of Engineers for the Project (USACE File Nos. 2017-00777-RRS).

The Project is located within the City of San Clemente, Orange County, California at 5000 Pacific Coast Highway. The Project center reading is located at latitude 33.36788 and longitude -117.55563.

The Applicant has paid all required fees for this Certification in the amount of \$6,634.00. On an annual basis, the Applicant must also pay all active discharge fees and post discharge monitoring fees, as appropriate<sup>1</sup>. On December 12, 2017, the San Diego Water Board

<sup>1</sup> The Applicant shall pay an annual active discharge fee each fiscal year or portion of a fiscal year during which discharges occur until the regional water board or the State Water Resources Control Board (State Water Board) issues a Notice of Completion of Discharges Letter to the discharger. Dischargers shall pay an annual post-discharge monitoring fee each fiscal year or portion of a fiscal year commencing with the first fiscal year following the fiscal year in which the regional water board or State Water Board issued a Notice of Completion of Discharges Letter to the discharger, but continued water quality monitoring or compensatory mitigation monitoring is required. Dischargers shall pay the annual post-discharge monitoring fee each fiscal year until the regional water board or the State Water Board issues a Notice of Project Complete Letter to the discharger. Additional information regarding Water Quality Fees, Waste Discharge Requirement Fees, and Water Quality Certification Dredge and Fill Application Fee Calculator can be found electronically at the following location:

[http://www.waterboards.ca.gov/resources/fees/water\\_quality/#wqfees](http://www.waterboards.ca.gov/resources/fees/water_quality/#wqfees).

provided public notice of the Project application pursuant to California Code of Regulations, title 23, section 3858 by posting information describing the Project on the San Diego Water Board's web site and providing a period of twenty-one days for public review and comment. No comments were received.

Riprap materials adjacent to an existing retaining wall and walkway have been degraded by wave action over the years. In 2016, the Applicant restacked riprap that had "sunk" and/or moved seaward along designated lengths of the beach walkway retaining wall to provide an immediate repair and prevent further scouring of waves under the retaining wall (Water Quality Certification No. R9-2016-0201). However, additional riprap is required to fully restore the riprap to its original design along the southerly length of the walkway.

The Applicant proposes to restore the riprap materials along the southerly walkway retaining wall, restore riprap at the south end of the walkway, and restore the transition from the walkway to the beach by: (1) adding additional imported riprap; and (2) filling voids around approximately 3,740 square feet of riprap with cement slurry from the end of the asphalt walkway to the end of the newly placed riprap, which will allow for the safe passage of pedestrians. Nearly all work proposed will occur above the high tide line. Project construction will temporarily impact a maximum of 0.5 acre (600 linear feet) of ocean waters of the United States and/or State.

Additional Project details are provided in Attachments 2 of this Certification.

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### Attachments:

- 1. Definitions**
- 2. Project Figures and Plans**



The San Diego Water Board has independently reviewed the record of the Project to analyze the extent and nature of proposed Project impacts to the water quality and beneficial uses of waters of the United States and/or State and associated compensatory mitigation required to offset impacts attributed to the Project. In accordance with this Certification, the Applicant may proceed with the Project under the following terms and conditions:

## I. STANDARD CONDITIONS

Pursuant to section 3860 of title 23 of the California Code of Regulations, the following three standard conditions apply to all water quality certification actions:

- A. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the Water Code and chapter 28, article 6 (commencing with title 23, section 3867), of the California Code of Regulations.
- B. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to California Code of Regulations title 23, section 3855 subdivision (b), and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
- C. This Certification action is conditioned upon total payment of any fee required under title 23, chapter 28 (commencing with section 3830) of California Code of Regulations and owed by the applicant.

## II. GENERAL CONDITIONS

- A. **Term of Certification.** Water Quality Certification No. R9-2017-0189 (Certification) shall expire upon a) the expiration or retraction of the Clean Water Act section 404 (33 U.S.C. §1344) permit issued by the U.S. Army Corps of Engineers for this Project, or b) five (5) years from the date of issuance of this Certification, whichever occurs first.
- B. **Duty to Comply.** The Applicant must comply with all conditions and requirements of this Certification. Any Certification noncompliance constitutes a violation of the Water Code and is grounds for enforcement action or Certification termination, revocation and reissuance, or modification.
- C. **General Waste Discharge Requirements.** The requirements of this Certification are enforceable through Water Quality Order No. 2003-0017-DWQ, *Statewide General Waste Discharge Requirements for Discharges of Dredged or Fill Material that have Received State Water Quality Certification* (Water Quality Order No. 2003-0017-DWQ). This provision shall apply irrespective of whether a) the federal permit for which the Certification was obtained is subsequently retracted or is expired, or b) the Certification is expired. Water Quality Order No. 2003-0017-DWQ is accessible at:

[http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/gowdr401regulated\\_projects.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/gowdr401regulated_projects.pdf)

- D. **Project Conformance with Application.** All water quality protection measures and BMPs described in the application and supplemental information for water quality certification are incorporated by reference into this Certification as if fully stated herein. Notwithstanding any more specific conditions in this Certification, the Applicant shall construct, implement and comply with all water quality protection measures and BMPs described in the application and supplemental information. The conditions within this Certification shall supersede conflicting provisions within the application and supplemental information submitted as part of this Certification action.
- E. **Project Conformance with Water Quality Control Plans or Policies.** Notwithstanding any more specific conditions in this Certification, the Project shall be constructed in a manner consistent with the Basin Plan and any other applicable water quality control plans or policies adopted or approved pursuant to the Porter Cologne Water Quality Act (Division 7, commencing with Water Code Section 13000) or section 303 of the Clean Water Act (33 U.S.C §1313.). The Basin Plan is accessible on-line at:
- [http://www.waterboards.ca.gov/sandiego/water\\_issues/programs/basin\\_plan/index.shtml](http://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/index.shtml)  
!
- F. **Beneficial Use Protection.** The Applicant must take all necessary measures to protect the beneficial uses of waters of the Pacific Ocean. This Certification requires compliance with all applicable requirements of the Basin Plan. If at any time, an unauthorized discharge to surface waters (including rivers or streams) occurs or monitoring indicates that the Project is violating, or threatens to violate, water quality objectives, the associated Project activities shall cease immediately and the San Diego Water Board shall be notified in accordance with Notification Requirement VI.A of this Certification. Associated Project activities may not resume without approval from the San Diego Water Board.
- G. **Project Modification.** The Applicant must submit any changes to the Project, including Project operation, which would have a significant or material effect on the findings, conclusions, or conditions of this Certification, to the San Diego Water for prior review and written approval. If the San Diego Water Board is not notified of a significant change to the Project, it will be considered a violation of this Certification
- H. **Certification Distribution Posting.** During Project construction, the Applicant must maintain a copy of this Certification at the Project site. This Certification must be available at all times to site personnel and agencies. A copy of this Certification shall also be provided to any contractor or subcontractor performing construction work, and the copy shall remain in their possession at the Project site.
- I. **Inspection and Entry.** The Applicant must allow the San Diego Water Board or the State Water Resources Control Board, and/or their authorized representative(s) (including an authorized contractor acting as their representative), upon the presentation of credentials and other documents as may be required under law, to:

1. Enter upon the Project or Compensatory Mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Certification;
  2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Certification;
  3. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Certification; and
  4. Sample or monitor, at reasonable times, for the purposes of assuring Certification compliance, or as otherwise authorized by the Clean Water Act or Water Code, any substances or parameters at any location.
- J. **Enforcement Notification.** In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.
- K. **Certification Actions.** This Certification may be modified, revoked and reissued, or terminated for cause including but not limited to the following:
1. Violation of any term or condition of this Certification;
  2. Monitoring results indicate that continued Project activities could violate water quality objectives or impair the beneficial uses of the Pacific Ocean;
  3. Obtaining this Certification by misrepresentation or failure to disclose fully all relevant facts;
  4. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge; and
  5. Incorporation of any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act.

The filing of a request by the Applicant for modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Certification condition.

- L. **Duty to Provide Information.** The Applicant shall furnish to the San Diego Water Board, within a reasonable time, any information which the San Diego Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Certification or to determine compliance with this Certification.
- M. **Property Rights.** This Certification does not convey any property rights of any sort, or any exclusive privilege.
- N. **Petitions.** Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

**III. PROJECT IMPACTS AND COMPENSATORY MITIGATION**

- A. **Project Impact Avoidance and Minimization.** The Project must avoid and minimize adverse impacts to waters of the United States and/or State to the maximum extent practicable.
- B. **Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to the Pacific Ocean within the San Juan Watershed must not exceed the type and magnitude of impacts described in the table below. At a minimum, compensatory mitigation required to offset unavoidable temporary and permanent Project impacts to waters of the United States and/or State must be achieved as described in the table below:

	<b>Impacts (acres)</b>	<b>Impacts (linear ft.)</b>	<b>Mitigation for Impacts (acres)</b>	<b>Mitigation Ratio (area mitigated :area impacted)</b>	<b>Mitigation for Impacts (linear ft.)</b>	<b>Mitigation Ratio (linear feet mitigated :linear feet impacted)</b>
<b>Temporary Impacts<sup>1</sup></b>						
Ocean	0.5	600	NA	NA	NA	NA

1. All areas of temporary impacts must be restored to pre-project contours.

**IV. MONITORING AND REPORTING REQUIREMENTS**

- A. **Annual Project Progress Reports.** The Applicant must submit annual Project progress reports describing compliance with all requirements of this Certification to the San Diego Water Board prior to **March 1** of each year following the issuance of this Certification, until the Project has reached completion. Annual Project Progress Reports must be submitted even if Project construction has not begun. The monitoring period for each Annual Project Progress Report shall be January 1<sup>st</sup> through December

31<sup>st</sup> of each year. Annual Project Progress Reports must include, at a minimum, the following:

1. The names, qualifications, and affiliations of the persons contributing to the report;
2. The status, progress, and anticipated schedule for completion of Project construction activities;
3. A description of Project construction delays encountered or anticipated that may affect the schedule for construction completion; and
4. A description of each incident of noncompliance during the annual monitoring period and its cause, the period of the noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

**B. Final Project Completion Report.** The Applicant must submit a Final Project Completion Report to the San Diego Water Board **within 30 days of completion** of the Project. The final report must include the following information:

1. Date of construction initiation;
2. Date of construction completion; and
3. As-built drawings of the Project, no bigger than 11”X17.”

**C. Reporting Authority.** The submittal of information required under this Certification, or in response to a suspected violation of any condition of this Certification, is required pursuant to Water Code section 13267 and 13383. Civil liability may be administratively imposed by the San Diego Water Board for failure to submit information pursuant to Water Code sections 13268 or 13385.

**D. Electronic Document Submittal.** The Applicant must submit all reports and information required under this Certification in electronic format via e-mail to [SanDiego@waterboards.ca.gov](mailto:SanDiego@waterboards.ca.gov). Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to:

California Regional Water Quality Control Board  
San Diego Region  
Attn: 401 Certification No. R9-2017-0189:841992:dbradford  
2375 Northside Drive, Suite 100  
San Diego, California 92108

Each electronic document must be submitted as a single file, in Portable Document Format (PDF), and converted to text searchable format using Optical Character Recognition (OCR). All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted. Electronic documents submitted to the San Diego Water Board must include the following identification numbers in the header or subject line:

Certification No. R9-2017-0189:841992:dbradford.

**E. Document Signatory Requirements.** All applications, reports, or information submitted to the San Diego Water Board must be signed as follows:

1. For a corporation, by a responsible corporate officer of at least the level of vice president.
2. For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
3. For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
4. A duly authorized representative may sign applications, reports, or information if:
  - a. The authorization is made in writing by a person described above.
  - b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
  - c. The written authorization is submitted to the San Diego Water Board Executive Officer.

If such authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the Project, a new authorization satisfying the above requirements must be submitted to the San Diego Water Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

**F. Document Certification Requirements.** All applications, reports, or information submitted to the San Diego Water Board must be certified as follows:

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."*

## V. NOTIFICATION REQUIREMENTS

- A. **Twenty Four Hour Non-Compliance Reporting.** The Applicant shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally to the San Diego Water Board within **24 hours** from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The San Diego Water Board, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- B. **Anticipated Noncompliance.** The Applicant shall give advance notice to the San Diego Water Board of any planned changes in the Project or the Compensatory Mitigation project which may result in noncompliance with Certification conditions or requirements.
- C. **Discharge Commencement.** The Applicant must notify the San Diego Water Board in writing **at least 5 days prior to** the start of Project construction.
- D. **Transfers.** This Certification is not transferable in its entirety or in part to any person or organization except after notice to the San Diego Water Board in accordance with the following terms:
1. **Transfer of Property Ownership:** The Applicant must notify the San Diego Water Board of any change in ownership of the Project area. Notification of change in ownership must include, but not be limited to, a statement that the Applicant has provided the purchaser with a copy of the Section 401 Water Quality Certification and that the purchaser understands and accepts the certification requirements and the obligation to implement them or be subject to liability for failure to do so; the seller and purchaser must sign and date the notification and provide such notification to the San Diego Water Board **within 10 days of the transfer of ownership.**
  2. **Transfer of Mitigation Responsibility:** Any notification of transfer of responsibilities to satisfy the mitigation requirements set forth in this Certification must include a signed statement from an authorized representative of the new party (transferee) demonstrating acceptance and understanding of the responsibility to comply with and fully satisfy the mitigation conditions and agreement that failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the San Diego Water Board under Water Code section 13385, subdivision (a). Notification of transfer of responsibilities meeting the above conditions must be provided to the San Diego Water Board **within 10 days of the transfer date.**

Upon properly noticed transfers of responsibility, the transferee assumes responsibility for compliance with this Certification and references in this Certification to the Applicant will be interpreted to refer to the transferee as appropriate. Transfer of responsibility

does not necessarily relieve the Applicant of this Certification in the event that a transferee fails to comply.

## VI. CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE

- A. The San Diego Water Board is the lead agency under the California Environmental Quality Act (Public Resources Code section 21000, et seq., (CEQA)), and promulgated a Notice of Exemption on January 18, 2018 under CEQA Guidelines Title 14, California Code of Regulations. The San Diego Water Board has determined the project is categorically exempt from CEQA pursuant to CEQA Guidelines section 15302.

## VII. SAN DIEGO WATER BOARD CONTACT PERSON


Darren Bradford, Environmental Scientist  
California Regional Water Quality Control Board, San Diego Region  
2375 Northside Drive, Suite 100  
San Diego, California 92108  
Telephone: 619-521-3356  
Email: [darren.bradford@waterboards.ca.gov](mailto:darren.bradford@waterboards.ca.gov)

## VIII. WATER QUALITY CERTIFICATION

I hereby certify that the proposed discharge from the **SONGS Riprap Repair South Project** (Certification No. R9-2017-0189) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "*Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)*," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017-DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue individual waste discharge requirements at that time.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited to, and all proposed mitigation being completed in strict compliance with, the applicants' Project description and/or the description in this Certification, and (b) compliance with all applicable requirements of the Basin Plan.

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Certification No. R9-2017-0189 issued on January 18, 2018.

  
\_\_\_\_\_  
DAVID W. GIBSON  
Executive Officer  
San Diego Water Board

18 January 2018  
Date



# ATTACHMENT 1

## DEFINITIONS

**Activity** - when used in reference to a permit means any action, undertaking, or project including, but not limited to, construction, operation, maintenance, repair, modification, and restoration which may result in any discharge to waters of the state.

**Buffer** - means an upland, wetland, and/or riparian area that protects and/or enhances aquatic resource functions associated with wetlands, rivers, streams, lakes, marine, and estuarine systems from disturbances associated with adjacent land uses.

**California Rapid Assessment Method (CRAM)** - is a wetland assessment method intended to provide a rapid, scientifically-defensible and repeatable assessment methodology to monitor status and trends in the conditions of wetlands for applications throughout the state. It can also be used to assess the performance of compensatory mitigation projects and restoration projects. CRAM provides an assessment of overall ecological condition in terms of four attributes: landscape context and buffer, hydrology, physical structure and biotic structure. CRAM also includes an assessment of key stressors that may be affecting wetland condition and a "field to PC" data management tool (eCRAM) to ensure consistency and quality of data produced with the method.

**Compensatory Mitigation Project** - means compensatory mitigation implemented by the Applicant as a requirement of this Certification (i.e., applicant -responsible mitigation), or by a mitigation bank or an in-lieu fee program.

**Discharge of dredged material** – means any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the waters of the United States and/or State.

**Discharge of fill material** – means the addition of fill material into waters of the United States and/or State.

**Dredged material** – means material that is excavated or dredged from waters of the United States and/or State.

**Ecological Success Performance Standards** – means observable or measurable physical (including hydrological), chemical, and/or biological attributes that are used to determine if a compensatory mitigation project meets its objectives.

**Enhancement** – means the manipulation of the physical, chemical, or biological characteristics of an aquatic resource to improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

**Establishment** – means the manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist. Creation results in a gain in aquatic resource area.

**Fill material** – means any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a water body.

**Isolated wetland** – means a wetland with no surface water connection to other aquatic resources.

**Mitigation Bank** – means a site, or suite of sites, where resources (e.g., wetlands, streams, riparian areas) are restored, established, enhanced, and/or preserved for the purpose of providing mitigation for impacts authorized by this Certification.

**Preservation** - means the removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

**Re-establishment** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/ historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

**Rehabilitation** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/ historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function, but does not result in a gain in aquatic resource area.

**Restoration** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.

**Start of Project Construction** - For the purpose of this Certification, "start of Project construction" means to engage in a program of on-site construction, including site clearing, grading, dredging, landfilling, changing equipment, substituting equipment, or even moving the location of equipment specifically designed for a stationary source in preparation for the fabrication, erection or installation of the building components of the stationary source within waters of the United States and/or State.

**Uplands** - means non-wetland areas that lack any field-based indicators of wetlands or other aquatic conditions. Uplands are generally well-drained and occur above (i.e., up-slope) from nearby aquatic areas. Wetlands can, however, be entirely surrounded by uplands. For example, some natural seeps and constructed stock ponds lack aboveground hydrological connection to other aquatic areas. In the watershed context, uplands comprise the landscape matrix in which aquatic areas form. They are the primary sources of sediment, surface runoff, and associated chemicals that are deposited in aquatic areas or transported through them.

**Water quality objectives and other appropriate requirements of state law** – means the water quality objectives and beneficial uses as specified in the appropriate water quality control plan(s); the applicable provisions of sections 301, 302, 303, 306, and 307 of the Clean Water Act; and any other appropriate requirement of state law.

Southern California Edison  
SONGS Riprap Repair South Project  
Certification No. R9-2017-0189

**ATTACHMENT 2**  
**PROJECT FIGURES AND PLANS**

Figure 1 & 2 – Project Location Maps

Sheet 5 of 6 – High Tide Line

Figure 3 – Aerial Photograph of Project Area

Figure 4 – Cross Section of Original Beach Walkway Design

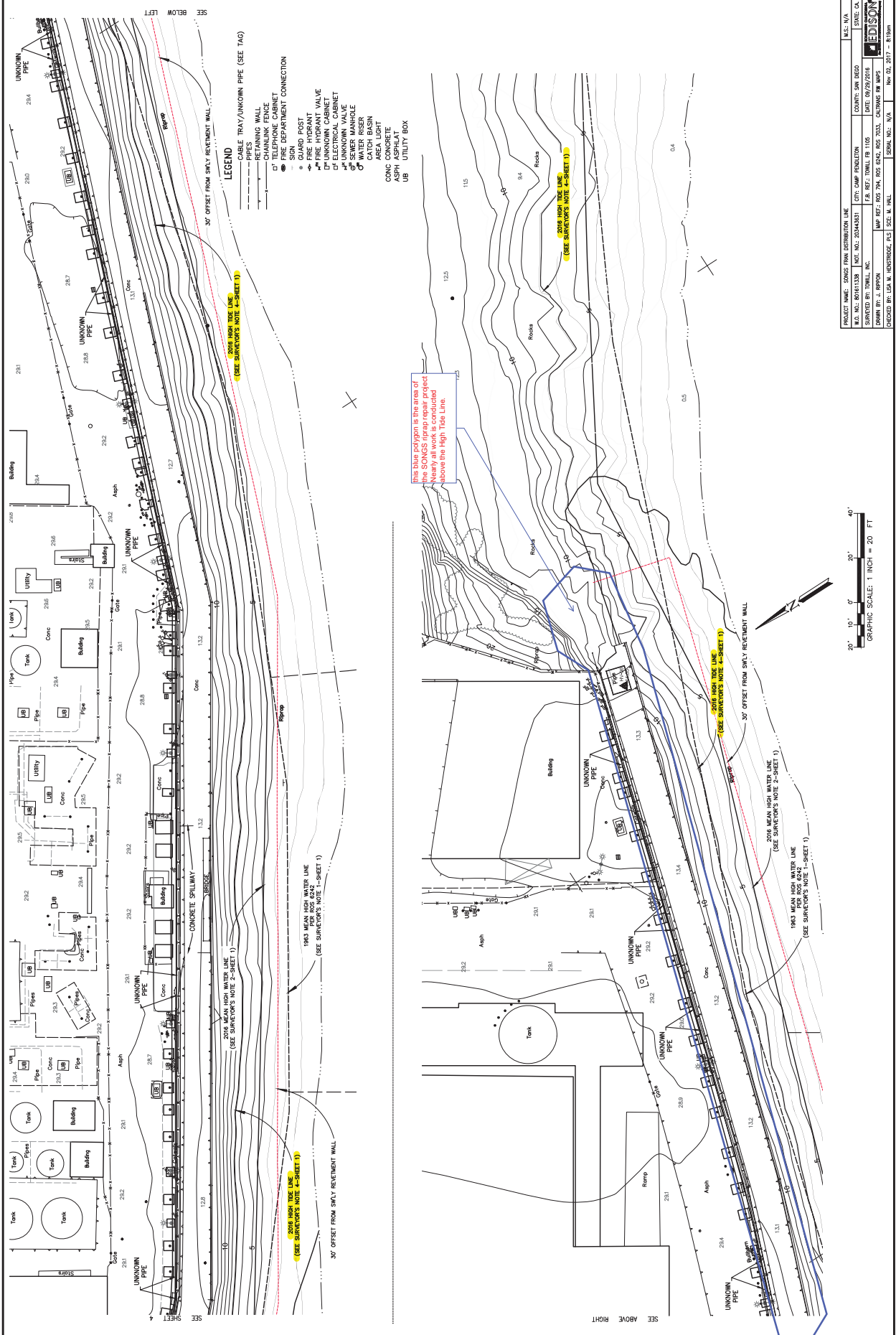
**Project Location**

SONGS is located along the southern California coast in San Diego County between Los Angeles and Oceanside.



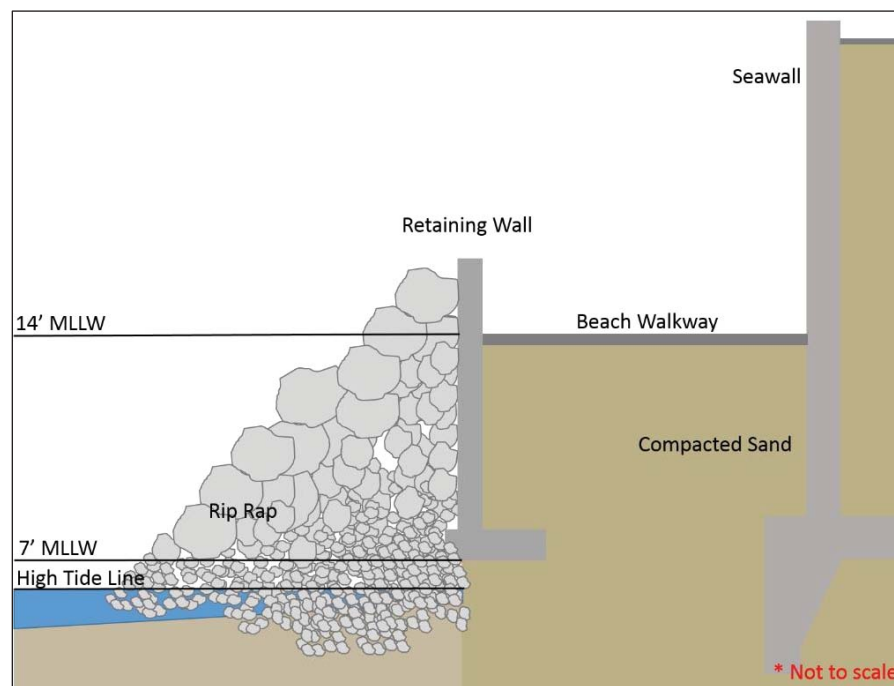


**Figure 2.** The public beach walkway is situated along the west (seaward) perimeter of San Onofre Nuclear Generating Station, sections of which are denoted by letters A through D. The North Industrial Area walkway comprises sections A (north entrance of walkway) to B. Section B marks the beginning of the Units 2/3 walkway and ends at D. The length between sections C to D is the area of highest need of riprap repair.





**Figure 3.** September 2017 aerial photograph showing the linear area along the beach walkway revetment wall that will be supplemented with imported riprap. The irregular polygon on the walkway's southernmost end is the area of proposed riprap placement. The project team will place riprap within the boundary of this polygon that totals approximately 3,740 ft<sup>2</sup>. The entire polygon may not be filled with riprap.



**Figure 4:** Cross section of original beach walkway design.

New riprap would also be placed at the most southernmost end of the walkway, where it has been significantly displaced, and at the access to the beach where it has been washed away, thereby creating an unsafe passage