



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Diego Regional Water Quality Control Board

October 6, 2015

Certified Mail – Return Receipt Requested
Article Number: 7010 01060 0000 4953 0600

Ms. Tracey Alsobrook
Southern California Edison
1218 South Fifth Avenue
Monrovia, CA 91016

In reply/refer to:
09C-082:745903:ngergans

Subject: Amendment No. 2 to Clean Water Act Section 401 Water Quality Certification No. 09C-082 for the Bridge 243.0 Retrofit Project

Ms. Tracey Alsobrook:

Enclosed find Amendment No. 2 (Certification Amendment) to Clean Water Act Section 401 Water Quality Certification No. R9-09C-082 (Certification) issued by the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) in response to an amendment request submitted by Southern California Edison for the Bridge 243.0 Retrofit (Project). The Certification Amendment shows changes in underline/strikeout format to indicate added and removed language. A complete copy of both the Certification and Amendment 1 is located on the San Diego Water Board Website at:

http://www.waterboards.ca.gov/rwqcb9/water_issues/programs/401_certification/docs/projects/09C/09C-082.pdf

http://www.waterboards.ca.gov/rwqcb9/water_issues/programs/401_certification/docs/projects/09C/09C-082_Amendment.pdf

Failure to comply with the Certification Amendment 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/or 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. Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to the San

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

2375 Northside Drive, Suite 100, San Diego, California 92108-2700 | www.waterboards.ca.gov/sandiego

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. 09C-082:745903:nrgergans

For questions or comments, please contact Nicole Gergans by telephone at (619) 521-3969 or by email at nicole.gergans@waterboards.ca.gov.

Respectfully,



DAVID W. GIBSON
Executive Officer

Enclosure:

Clean Water Act Section 401 Water Quality Certification No. 09C-082 for the Bridge 243.0 Retrofit Project

DWG:jgs:esb:ng

cc:

North County Transportation District
Tom Lichterman
tlichterman@ntcd.org

U.S. Army Corps of Engineers, Regulatory Branch
San Diego Field Office
Robert Smith
Robert.R.Smith@usace.army.mil

U.S. Department of the Interior
Fish and Wildlife Service
Janet Stuckrath
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Tech Staff Info & Use	
Certification No.	09C-082
Party ID	527103
WDID	9000001981
Regulatory ID	371800
Place ID	745903
Person ID	552336

Ms. Tracey Alsobrook
Amendment No. 2
Certification No. 09C-082

- 3 -

October 6, 2015

Larry Smith
California Coastal Commission
lsimon@coastal.ca.gov

U.S. EPA, OWOW, Region 9
R9-WTR8-Mailbox@epa.gov

State Water Resources Control Board
Division of Water Quality
Water Quality Certification and Wetlands Unit
Stateboard401@waterboards.ca.gov

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

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<http://www.waterboards.ca.gov/sandiego/>

**Amendment No. 2 to Clean Water Act Section 401
Water Quality Certification No. 09C-082**

**PROJECT: Bridge 243.0 Retrofit
Certification Number 09C-082**

**APPLICANT: Southern California Edison
1218 South Fifth Avenue
Monrovia, CA 91016**

Reg. Meas. ID: 371800 Place ID: 745903 Party ID: 527103 Person ID: 552336 WDID: 9000001981
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On December 8, 2009, Clean Water Act Section 401 Water Quality Certification No. 09C-082 (Certification) was issued to North County Transit District (NCTD) for the Bridge 243.0 Retrofit Project (Project). On December 28, 2009, the Certification was amended to modify the turbidity monitoring requirements.

By letter dated November 15, 2011, compensatory mitigation responsibilities were transferred from NCTD to Southern California Edison (SCE). A standard compliance review conducted in May 2015 revealed that SCE had not performed the mitigation responsibilities as required by the Certification. SCE was unable to perform the required mitigation as the designated site had become inundated due to changes in tidal influence.

By letter dated August 14, 2015, SCE requested the Certification be amended to address the original mitigation that could not be completed due to changes in site conditions. The request also included an updated mitigation plan to increase the amount of mitigation due to temporal loss of postponed implementation and move the designated mitigation area to different areas of the San Dieguito Lagoon that are better suited to rehabilitation and enhancement.

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 leave the original impacted area as tidal marsh and instead rehabilitate 0.5 acres of coastal salt marsh by planting a mudflat with coastal salt marsh vegetation in order to accelerate succession from mudflat to coastal salt marsh. The rehabilitation area is within the San Dieguito Lagoon as designated in the '*Revised Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California*' prepared by WRA and dated September 15, 2015. The San Diego Water Board is also amending the Certification to increase the amount of invasive species removal in existing coastal marsh habitat from 0.26 acre to 0.63 acre located within the San Dieguito Lagoon at sites designated in the '*Revised Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California*' prepared by WRA and dated September 15, 2015. Except as modified or superseded by the Certification modifications set forth below, all of the

findings, provisions and other requirements of Certification No. 09C-082 remain in full force and effect. The following changes are made to Certification No. 09C-082 and are shown in underline/strikeout format to indicate added and removed language:

1. Page 6, D. MITIGATION FOR ~~TEMPORARILY~~ PERMANENT AND TEMPORARY IMPACTS TO WATERS OF THE U.S/STATE is modified as follows:

	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)
Permanent Impacts						
Wetland	.42	n/a	0.5 Rehabilitation .63 Enhancement ¹	1.2:1 Rehabilitation 1.5:1 Enhancement	n/a	n/a
Temporary Impacts⁴						
Estuary	.98	n/a	0 ²	0	n/a	n/a

1. Coastal salt marsh will be rehabilitated by planting coastal marsh vegetation in a mudflat to increase rate of succession. Coastal salt marsh will be enhanced by removing invasive species.
2. Temporary impacts to open water and mudflat will not be mitigated.

~~1. Mitigation for temporary impacts to 0.42 acre of onsite coastal salt marsh must be achieved at a 1:1 ratio by restoration of all temporary impacted areas to a condition at equal to or better than pre-project conditions. The restoration of these habitats must occur in accordance with the 'Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California,' prepared by HDR Engineering, Inc. Mitigation for the permanent conversion of 0.5 acre of coastal salt marsh to mudflat will occur at a 1.2:1 ratio through~~

planting of a mudflat with coastal marsh vegetation within the San Dieguito lagoon in order to accelerate succession from mudflat to coastal marsh. Mitigation for the temporal loss due to original impacts and delayed mitigation will occur at a 1.5:1 ratio through removal of invasive plants in an existing coastal salt marsh within the San Dieguito Lagoon. The mitigation will occur in accordance with the '*Revised Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California*' prepared by WRA and dated September 15, 2015.

2. ~~Mitigation of temporary loss resulting from disturbance of 0.20 acre of mudflat and 0.78 acre of open water must be achieved by offsite (nearby) enhancement of 0.26 acre of coastal salt marsh through the removal of perennial exotic plant species and annual exotic plant species at the location shown on Attachment 4 entitled 'Temporal Mitigation Non-Native Vegetation Removal Map'. The enhancement of the offsite coastal salt marsh habitat must occur in accordance with the '*Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California*,' prepared by HDR Engineering, Inc.~~
3. ~~The North County Transit District~~ Southern California Edison must restore all areas of temporary impacts and all other areas of temporary disturbance which could result in a discharge or a threatened discharge to waters of the United States/State. Restoration must include grading of disturbed areas to pre-project contours and revegetation with native species. The Southern California Edison must implement all necessary BMPs to control erosion and runoff from areas associated with this project.
4. ~~The North County Transit District~~ Southern California Edison must notify the Regional Board in writing at least **5 days** prior to the actual commencement of mitigation installation, and completion of mitigation installation.
5. ~~The North County Transit District~~ Southern California Edison must submit a report (including topography maps and planting locations) to the Regional Board within 90 days of completion of mitigation site preparation and planting, describing as-built status of the mitigation project.
9. If at any time during the implementation a reestablishment of the mitigation area(s), and prior to verification of meeting success criteria, a catastrophic natural event (e.g., fire, flood) occurs and impacts the mitigation area, the ~~North County Transit District~~ Southern California Edison is responsible for the repair and replanting of the damaged area(s).
10. Mitigation monitoring and maintenance reports must be submitted annually until mitigation has been deemed successful. Annual mitigation monitoring and maintenance reports must be submitted prior to **December 1** of each

year. Mitigation monitoring and maintenance reports must include, but not be limited to, the following:

- a. Names, qualifications, and affiliations of the persons contributing to the report;
- b. Tables presenting the raw data collected in the field as well as analyses of the physical and biological data, including at a minimum;
- c. Qualitative and quantitative comparisons of current mitigation conditions with pre-construction conditions and previous mitigation monitoring results;
- d. Photodocumentation from established reference points;
- e. Survey report documenting boundaries of mitigation area; and
- f. Other items specified in the final "~~Revegetation Plan for the Bridge Retrofit Project, Bridge 243.0, San Diego County, California~~", HDR Engineering, Inc. Revised Revegetation Plan for the Bridge Retrofit Project Bridge 243.0, San Diego County, California' prepared by WRA and dated September 15, 2015.

2. Attachment 4

'Temporal Mitigation – Non-Native Vegetation Removal Map' will be replaced with '*Figure 5. W45 Non-native Removal Areas*'

3. Attachment 7

'Figure 1. Proposed revegetation areas. Total area planted to be 0.5 acres' will be added.

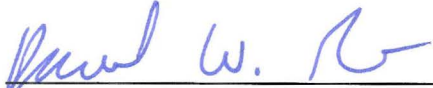
Petitions: Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification 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 or will be provided upon request.

Southern California Edison
Bridge 243.0
Certification No. 09C-082

December 28, 2009
Amended on October 6, 2015

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Amendment No. 2 to Certification No. 09C-082 issued on October 6, 2015.



DAVID W. GIBSON
Executive Officer
San Diego Water Board

6 Oct. 2015

Date

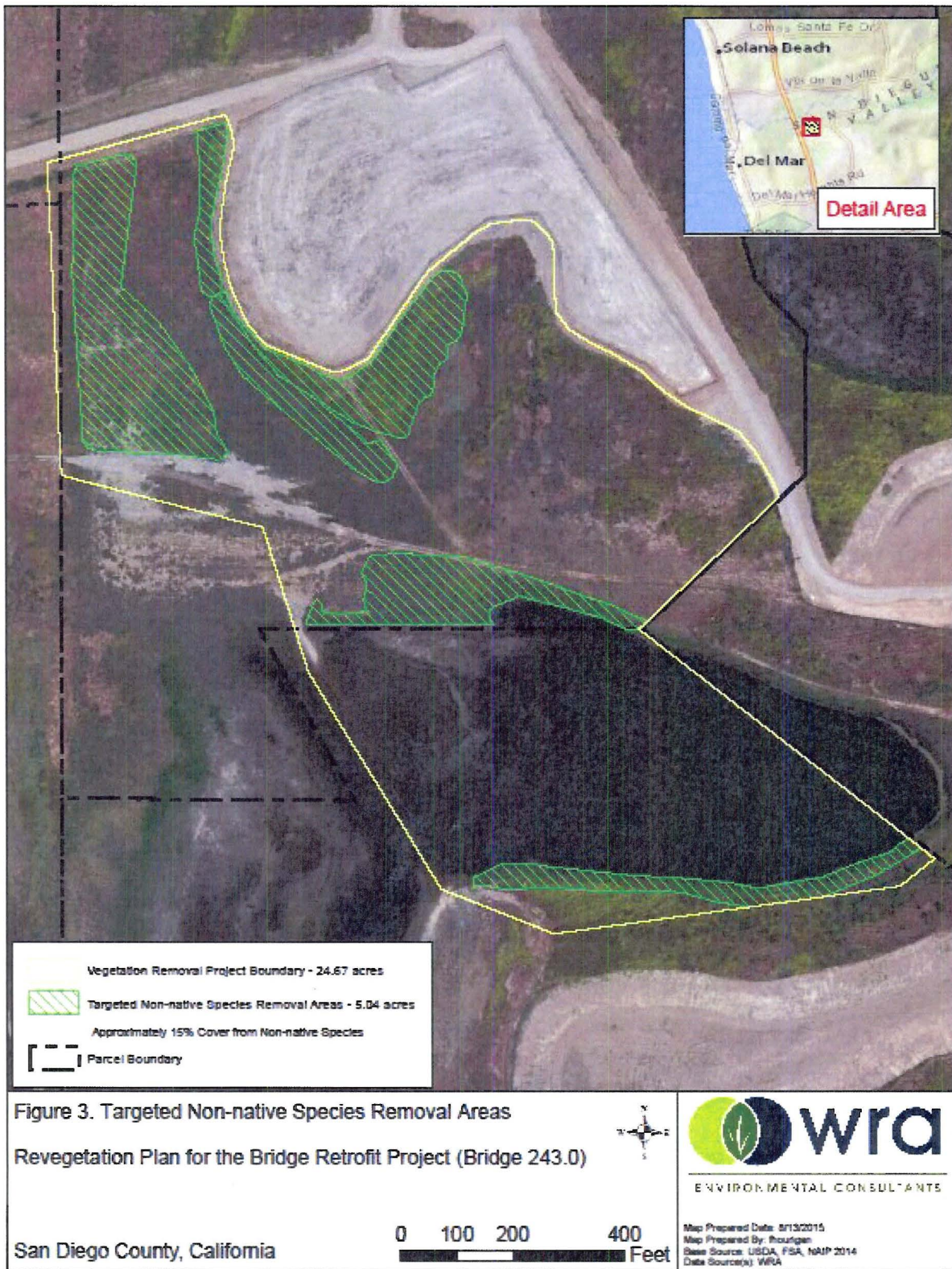
Southern California Edison
Bridge 243.0
Certification No. 09C-082
Amendment 2

ATTACHMENT 4

VEGETATION REMOVAL MAP

1. Figure 5. W45 Non-native Removal Areas

Figure 5. W45 Non-native Removal Areas



Southern California Edison
Bridge 243.0
Certification No. 09C-082
Amendment 2

ATTACHMENT 7

PROJECT REVEGETATION AREAS

1. Figure 1. Proposed revegetation areas. Total area planted to be 0.5 acres.

Figure 1. Proposed revegetation areas. Total area planted to be 0.5 acres.

