



Central Valley Regional Water Quality Control Board

16 September 2022

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NOTICE OF APPLICABILITY; GENERAL SECTION 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE SACRAMENTO MUNICIPAL UTILITY DISTRICT (SMUD), SMUD SOLANO WIND TOLAND LANE CULVERT REPLACEMENT PROJECT (WDID#5A48CR00192), SOLANO COUNTY

On 22 July 2022, Sacramento Municipal Utility District/SMUD (Applicant) filed a notification requesting coverage under the 25 February 2022 State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification and Order of the United States Army Corps of Engineers 2022 Nationwide Permits (General Certification Order) for the SMUD Solano Wind Toland Lane Culvert Replacement Project (Project). After review of the notification and the supplemental material submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the Project qualifies for enrollment under this General Certification Order. The proposed activity will take place within less than 0.05 acre of waters of the United States.

The Central Valley Water Board is certifying this Project under United States Army Corps of Engineers Nationwide Permit #3(a) (Maintenance Activities), subject to the conditions and the notification requirements described in the Nationwide Permit ("Special Conditions"). This Notice of Applicability is being issued under the General Certification Order pursuant to Section 3838 of the California Code of Regulations.

A copy of the [General Certification Order](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/2021/certification-denial-corps-nationwide-permit-project-general-order-10122021.pdf) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/2021/certification-denial-corps-nationwide-permit-project-general-order-10122021.pdf) can be found on the State Water Resources Control Board's General Order webpage and is enclosed.

The Project must proceed in accordance with the requirements contained in this Notice of Applicability and General Certification Order. The Project is described in the notification form requesting coverage under the General Certification Order, dated 22 July 2022, and supplementary information (Application Package). Coverage under

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

the General Certification Order is no longer valid if the Project (as described) is modified.

PROJECT DESCRIPTION:

The 0.45-acre Project consists of replacing a damaged culvert and road crossing caused by a collapsed culvert under Toland Lane. An emergency repair was performed January 2022 and steel plates were placed over the top as a temporary fix. Project activities will involve removal of the existing 2-sack cement slurry, steel plates and K-rail barriers for the placement of three 48-inch diameter reinforced concrete pipe (RCP) culverts or a box culvert depending on guidance from the California Department of Fish and Wildlife, in the high flow areas to collect and transport water under the road. The culvert pipes will have reinforced concrete wingwalls on the upstream and downstream ends, be surrounded with 2-sack cement slurry to the spring line of the pipe, overlain by compacted engineered fill to the top of the pipe, and finished with 8 inches of compacted aggregate base (AB) and 4 inches of hot mix asphalt (HMA) above the top of the culvert pipes. A box culvert would be 1.25 times the width of the drainage and would be topped with 8 inches of compacted AB and 4 inches of HMA. A rip-rap apron underlain by geotextile will be placed for culvert outlet protection extending approximately 20 linear feet downstream. The road surface will be restored with gravel and minor grading will promote drainage off of the road surface. The existing footprint of the road crossing will be maintained and will not be expanded as a result of this repair.

In order to continue normal operations and maintenance of the Solano Wind Project, vehicle access must be provided around the work area. A temporary gravel access road underlain by geotextile will be placed through the streambed on the northeast side of the project area and will be removed upon project completion.

The Project will temporarily impact 0.05 acre of waters of the United States.

PROJECT LOCATION:

Latitude: 38.11565° and Longitude: -121.76764°

PROJECT SCHEDULE:

15 August 2022 through 15 October 2022

ADDITIONAL CONDITION:

The permittee will submit a final project design at least 7 days before the start of construction activities.

APPLICATION FEE RECEIVED:

An application fee of \$ 2,417.00 was received on 28 June 2022. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

If you have any questions regarding this Notice of Applicability, please contact Nicholas Savino at (916) 464-4920 or Nicholas.Savino@waterboards.ca.gov.

Original Signed by Adam Laputz for:
Patrick Pulupa
Executive Officer

Enclosure: State Water Board Certification of the 2017 Nationwide Permits General
Water Quality Certification and Order

cc: [Via email only]

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Figure 1: Project Location



Figure 1. Culvert Replacement Location

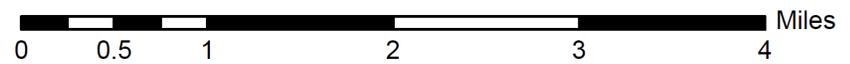
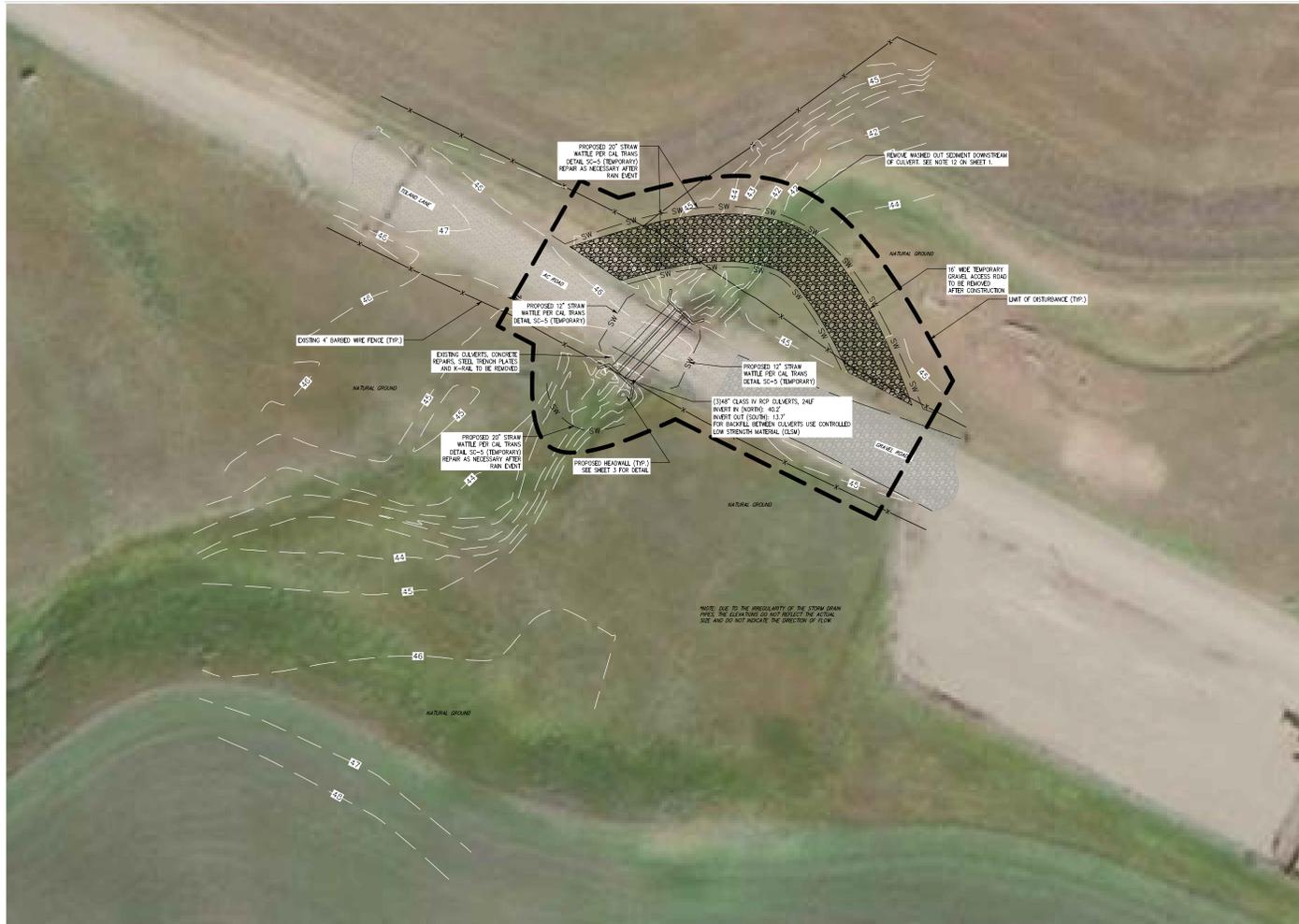


Figure 2: Project Impacts



LEGEND

--- 10 ---	EXISTING MAJOR CONTOUR (10')
---	EXISTING MINOR CONTOUR (2')
[Pattern]	EXISTING GRAVEL ROAD
---	LIMIT OF DISTURBANCE
---	EXISTING FENCE LINE
[Pattern]	EXISTING RIP-RAP
[Pattern]	PROPOSED RIP-RAP
[Pattern]	NEW GRAVEL ROAD

ESTIMATED QUANTITY SUMMARY

LIMIT OF DISTURBANCE:	0.45 ACRES
48"Ø CLASS IV RCP:	72 LF
CLSM:	30 CU YD
12" STRAW WATTLE:	85 LF
20" STRAW WATTLE:	510 LF
ACCESS ROAD GRAVEL:	112 CU YD
RIP-RAP:	108 CU YD
5-WIRE POST FENCE:	250 LF
EARTHWORK:	APPROX. 5 CU YD CUT

NOTES:

1. AERIAL IMAGE WAS OBTAINED FROM [HTTPS://EARTHEXPLORER.USGS.GOV/](https://earthexplorer.usgs.gov/)
2. EXISTING SLOPES SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR TO FIELD VERIFY EXISTING SLOPE.
3. SEE SHEET 3 FOR HEADWALL DETAIL