
Central Valley Regional Water Quality Control Board

24 October 2018

Alice Atherton
Placer County
Department of Public Works
3091 County Center Drive, Suite 220
Auburn, CA 95603

CERTIFIED MAIL
91 7199 9991 7039 6992 3860

ORDER AMENDING CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; PLACER COUNTY, DOWD ROAD BRIDGE REPLACEMENT AT MARKHAM RAVINE PROJECT (WDID#5A31CR00432A1), PLACER COUNTY

This Order responds to the 24 May 2018 request for an amendment of the Dowd Road Bridge Replacement at Markham Ravine Project (Project) Section 401 Water Quality Certification (WDID#5A31CR00432). The original Water Quality Certification (Certification) was issued on 29 February 2016. The requested amendment is hereby approved. The original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

Placer County requested an amendment to indicate an applicant representative, update the timeframe of Project implementation, modify the impacts from the Project in linear feet, United States Army Corps of Engineers File Number, correct the applicant contact, and Department of Fish and Wildlife Lake or Streambed Alteration Agreement number.

The original Certification did not indicate permanent or temporary linear feet impacts. The permanent impacts now include 20 linear feet of permanent impacts and 84 linear feet of temporary impacts to waters of the United States.

The Certification is amended as shown in underline/strikeout format in Attachment A.

APPLICATION FEE RECEIVED:

No fee was required for this amendment. Total fees of \$765.00 for the original Certification were received 4 February 2016. The fee amount was determined as required by California

Code of Regulations, title 23, sections 3383(b)(3) and 2200(a)(3), as was calculated as category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD CONTACT:

Jordan Hensley, Environmental Scientist
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-8114
Jordan.Hensley@waterboards.ca.gov
(916) 464-4812

PUBLIC NOTICE:

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from 5 February 2016 to 26 February 2016. The Central Valley Water Board did not receive any comments during the comment period.

WATER QUALITY CERTIFICATION:

I hereby issue an Order amending the existing Clean Water Act, Section 401 Technically Conditioned Water Quality Certification for the Dowd Road Bridge Replacement at Markham Ravine Project (WDID#5A31CR00432A1). All other conditions and provisions of the original Water Quality Certification and any previously approved amendments remain in full force and effect, except as modified based on the conditions of this Order. Failure to comply with the terms and conditions of the original Water Quality Certification, previously approved amendments, or of this Order may result in suspension or revocation of the Water Quality Certification.

Original Signed By Jim Marshall for:

Patrick Pulupa
Executive Officer

Attachment A: Amended Certification

Cc: Distribution List, page 3

DISTRIBUTION LIST

cc: [Via email only] (w/enclosure)

Leah Fisher (SPK-2010-00667)
United States Army Corps of Engineers
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Bill Jennings
CA Sportfishing Protection Alliance
3536 Rainier Avenue
Stockton, CA 95204

Central Valley Regional Water Quality Control Board

29 February 2016

~~Matt Randall~~ Alice Atherton
Placer County
Placer County Department of Public Works
3091 County Center Drive, Suite 220
Auburn, CA 95603

CLEAN WATER ACT §401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; PLACER COUNTY, DOWD ROAD BRIDGE REPLACEMENT AT MARKHAM RAVINE PROJECT (WDID #5A31CR00432), PLACER COUNTY

ACTION:

1. Order for Standard Certification
2. Order for Technically-conditioned Certification
3. Order for Denial of Certification

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. This Order serves as a Water Quality Certification (Certification) action that is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to § 13330 of the California Water Code and § 3867 of the California Code of Regulations (CCR).
2. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to § 3855(b) of the California Code of Regulations, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. The validity of any non-denial Certification action shall be conditioned upon total payment of the full fee required under § 3833 of the California Code of Regulations.
4. This Certification is no longer valid if the project (as described) is modified, or coverage under § 404 of the Clean Water Act has expired. Placer County shall notify the Central Valley Water Board within 7 days of the project completion.

5. All reports, notices, or other documents required by this Certification or requested by the Central Valley Water Board shall be signed by a person described below or by a duly authorized representative of that person.
 - a. For a corporation: by a responsible corporate officer such as (1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (2) any other person who performs similar policy or decision-making functions for the corporation; or (3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - b. For a partnership or sole proprietorship: by a general partner or the proprietor.
 - c. For a municipality, State, federal, or other public agency: by either a principal executive officer or ranking elected official.
6. Any person signing a document under Standard Condition No. 5 shall make the following certification, whether written or implied:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

TECHNICAL CERTIFICATION CONDITIONS:

In addition to the above standard conditions, Placer County shall satisfy the following:

1. Placer County shall notify the Central Valley Water Quality Control Board (Central Valley Water Board) in writing **seven (7) days** in advance of the start of any work within waters of the United States. The notification shall include the name of the project and the WDID number and shall be sent to the Central Valley Water Board Contact indicated in this Certification.
2. Except for activities permitted by the United States Army Corps of Engineers under § 404 of the Clean Water Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.
3. Placer County shall maintain a copy of this Certification and supporting documentation (Project Information Sheet) at the Project site during construction for review by site personnel and agencies. All personnel (employees, contractors, and subcontractors) performing work on the proposed Project shall be adequately informed and trained regarding the conditions of this Certification.

4. Placer County shall perform surface water sampling:

- a) when performing any in-water work;
- b) in the event that project activities result in any materials reaching surface waters; or
- c) when any activities result in the creation of a visible plume in surface waters.

The monitoring requirements in Table 1 shall be conducted upstream out of the influence of the Project, and 300 feet downstream of the work area. The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff.

Table 1:

Parameter	Unit	Type of Sample	Minimum Sampling Frequency	Required Analytical Test Method
Turbidity	NTU	Grab ⁽¹⁾	Every 4 hours during in-water work	(2,4)
Settleable Material	mL/L	Grab ⁽¹⁾	Every 4 hours during in-water work	(2)
Visible construction related pollutants ⁽³⁾	Observations	Visual Inspections	Continuous throughout the construction period	—

⁽¹⁾ Grab samples shall not be collected at the same time each day to get a complete representation of variations in the receiving water.

⁽²⁾ Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff.

⁽³⁾ Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.

⁽⁴⁾ A hand-held field meter may be used, provided that the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring required by this Certification shall be maintained at the Project site.

As appropriate, surface water monitoring shall occur at mid-depth. A surface water monitoring report shall be submitted to the Central Valley Water Board Contact indicated in this Certification within two weeks of initiation of sampling and every two weeks thereafter. In reporting the monitoring data, Placer County shall arrange the data in tabular form so that the sampling locations, date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Project complies with Certification requirements. The report shall include surface water sampling results, visual observations, and identification of the turbidity increase in the receiving water applicable to the natural turbidity conditions specified in the turbidity criteria below.

If no monitoring is conducted, Placer County shall submit a written statement to the Central Valley Water Board Contact indicated in the Certification stating, "No monitoring was required." with the Notice of Completion.

5. The Central Valley Water Board adopted a *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, ~~Fourth~~ Fifth Edition, revised ~~June 2015~~ May 2018

(Basin Plan) that designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan. Turbidity and settleable matter limits are based on water quality objectives contained in the Basin Plan and are part of this Certification as follows:

- a) Waters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance, result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses.
- b) Activities shall not cause turbidity increases in surface water to exceed:
 - i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTUs;
 - ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
 - iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
 - iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs; and
 - v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

Except that these limits will be eased during in-water working periods to allow a turbidity increase of 15 NTUs over background turbidity. In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. Averaging periods may only be used with prior approval of the Central Valley Water Board staff.

- c) Activities shall not cause settleable matter to exceed 0.1 mL/L in surface waters as measured in surface waters within 300 feet downstream of the Project.
6. Placer County shall notify the Central Valley Water Board immediately if the above criteria for turbidity, settleable matter, or other water quality objectives are exceeded.
 7. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. Placer County must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.
 8. Placer County shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence.

The Plan must also address the potential of responding to a spill or prevention of spills occurring within the Project site.

9. Asphalt, drilling fluids, lubricants, paints, coating material, oil, petroleum products, or any other substances which could be hazardous to fish and wildlife resulting from or disturbed by project-related activities, shall be prevented from contaminating the soil and/or entering waters of the United States. Concrete must completely be cured before coming into contact with waters of the United States. Surface water that contacts wet concrete must be pumped out and disposed of at an appropriate off-site commercial facility, which is authorized to accept concrete wastes.
10. Creosote-treated wood products or any other treated wood products that are highly flammable and/or toxic to aquatic life shall not be installed in waters of the United States. A method of containment must be used below the bridge(s), boardwalk(s), and/or temporary crossing(s) to prevent debris from falling into the water body as feasible.
11. An effective combination of erosion and sediment control Best Management Practices (BMPs) shall be implemented and adequately working during all phases of construction.
12. All areas disturbed by Project activities shall be protected from washout or erosion.
13. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.
14. This Certification does not allow permanent water diversion of flow from the receiving water. This Certification is invalid if any water is permanently diverted as a part of the Project.
15. If temporary surface water diversions and/or dewatering are anticipated, Placer County shall develop and maintain on-site a Surface Water Diversion and/or Dewatering Plan(s). The Plan(s) shall include the proposed method and duration of diversion activities. The Surface Water Diversion and/or Dewatering Plan(s) must be consistent with this Certification.
16. When work in a flowing stream is unavoidable and any dam or other artificial obstruction is being constructed, maintained, or placed in operation, sufficient water shall at all times be allowed to pass downstream, to maintain beneficial uses of waters of the State below the dam. Construction, dewatering, and removal of temporary cofferdams shall not violate Technical Certification Condition 5 of this Certification.
17. Any temporary dam or other artificial obstruction constructed shall only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel which will cause little or no siltation. Stream flow shall be temporarily diverted using gravity flow through temporary culverts/pipes or pumped around the work site with the use of hoses.
18. The discharge of petroleum products or other excavated materials to surface water is prohibited. Activities shall not cause visible oil, grease, or foam in the receiving water. Placer County shall notify the Central Valley Water Board Contact as soon as practicable of

any spill of petroleum products or other organic or earthen materials with written follow up within 5 days.

19. Placer County shall apply for a name change or amendment to this Certification should any of the following occur:
 - a) a change in the ownership or all or any portion of the Project;
 - b) any change in the Project description;
 - c) any change involving discharge amounts, temporary impacts, and/or permanent impacts; and/or
 - d) amendments, modifications, revisions, extensions, and/or changes to the United States Army Corps of Engineers' Nationwide Permit #14, the United States Fish and Wildlife Service decision document(s), and/or the California Department of Fish and Wildlife Streambed Alteration Agreement.
20. Placer County shall comply with all California Department of Fish and Wildlife requirements, including but not limited to those requirements described in Lake or Streambed Alteration Agreement No. 1600-2010-0087-R2.
21. Placer County shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) permit for dewatering activities that result in discharges into surface water and/or shall obtain Water Discharge Requirements (WDRs) for dewatering activities that result in discharges to land from the Central Valley Water Board.
22. The Conditions in this Certification are based on the information contained in Placer County's application and in the attached "Project Information Sheet." If the Project, as described in the application and the attached Project Information Sheet, is modified or changed, this Certification is no longer valid until amended by the Central Valley Water Board.
23. Placer County shall implement each of the mitigation measures specified in the approved Mitigated Negative Declaration for the Project, as they pertain to biology, hydrology and water quality impacts as required by § 21081.6 of the Public Resource Code and § 15097 of the California Code of Regulations.
24. 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 applicable state or federal law. For the 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.

- (a) If Placer County or a duly authorized representative of the Project fails or refuses to furnish technical or monitoring reports, as required under this Certification, or falsifies any information provided in the monitoring reports, Placer County is subject to civil liability, for each day of violation, and/or criminal liability.
 - (b) In response to a suspected violation of any condition of this Certification, the Central Valley Water Board may require the holder of any federal permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring reports the Central Valley Water Board deems appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. (Water Code, §§ 1051 , 13165,13267 and 13383) In response to any violation of the conditions of this certification, the Central Valley Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.
 - (c) Placer County shall allow the staff of the Central Valley Water Board, or an authorized representative(s), upon the presentation of credentials and other documents, as may be required by law, to enter the Project premises for inspection, including taking photographs and securing copies of Project-related records, for the purpose of assuring compliance with this Certification and determining the ecological success of the Project.
25. Staff of the Central Valley Water Board has prepared total maximum daily load (TMDL) allocations that, once approved, would limit methylmercury in storm water discharges to the Sacramento-San Joaquin Delta. The Central Valley Water Board has scheduled these proposed allocations to be considered for adoption. When the Central Valley Water Board adopts the TMDL and once approved by the Environmental Protection Agency, the discharge of methylmercury may be limited from the proposed project. The purpose of this condition is to provide notice to (Placer County) that methylmercury discharge limitations and monitoring requirements may apply to this project in the future and also to provide notice of the Central Valley Water Board's TMDL process and that elements of the planned construction may be subject to a TMDL allocation.
26. Placer County shall provide the Central Valley Water Board Contact indicated in this Certification a Notice of Completion (NOC) no later than 30 days after the Project completion. The NOC shall demonstrate that the project has been carried out in accordance with the project description in the Certification and in any amendments approved. The NOC shall include a map of the project location(s), including final boundaries of any on-site restoration area(s), if appropriate, and representative pre and post construction photographs. Each photograph shall include a descriptive title, date taken, photographic site, and photographic orientation

STORM WATER QUALITY CONDITIONS:

Placer County shall also satisfy the following additional storm water quality conditions:

1. Placer County shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ, as amended, for discharges to surface waters comprised of storm water associated with construction activity, including, but not limited to, demolition, clearing, grading, excavation, and other land disturbance activities of one or more acres, or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres.
2. During the construction phase, Placer County must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include the following:
 - a) the Storm Water Pollution Prevention Plan (SWPPP) must be prepared during the project planning and design phases and before construction;
 - b) an effective combination of erosion and sediment control Best Management Practices (BMPs) must be implemented and adequately working prior to the rainy season and during all phases of construction.
3. Placer County must minimize the short and long-term impacts on receiving water quality from the Project by implementing the following post-construction storm water management practices:
 - a) minimize the amount of impervious surface;
 - b) reduce peak runoff flows;
 - c) provide treatment BMPs to reduce pollutants in runoff;
 - d) ensure existing waters of the State (e.g., wetlands, vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
 - e) preserve and, where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
 - f) limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
 - g) use existing drainage master plans or studies to estimate increases in pollutant loads and flows resulting from projected future development and require incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff;
 - h) identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss;
 - i) control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD CONTACT:

~~George Day, Senior Water Resource Control Engineer~~ Jordan Hensley, Environmental Scientist
Central Valley Regional Water Quality Control Board
~~364 Knollcrest Drive, Suite 205, Redding, California 96002~~ 11020 Sun Center Drive #200
Rancho Cordova, CA 95670-8114
~~gday@waterboards.ca.gov~~ Jordan.Hensley@waterboards.ca.gov
~~(530) 224-4859~~ (916) 464-4812

WATER QUALITY CERTIFICATION:

I hereby issue an Order certifying that any discharge from Placer County, Dowd Road Bridge Replacement at Markham Ravine Project (WDID#5A31CR00432) will comply with the applicable provisions of § 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 Resources Control Board Water Quality Order No. 2003-0017 DWQ "Statewide General Waste Discharge Requirements For Dredged Or Fill Discharges That Have Received State Water Quality Certification (General WDRs)".

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in compliance with the conditions of this Certification, Placer County's application package, and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Fifth Edition*, revised June 2015 May 2018.

Any person aggrieved by this action may petition the State Water Quality Control Board to review the action in accordance with California Water Code § 13320 and California Code of Regulations, title 23, § 2050 and following. The State Water Quality Control Board must receive the petition by 5:00 p.m., 30 days after the date of this action, except that if the thirtieth day following the date of this action falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Quality Control Board by 5:00 p.m. on the next business day. 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.

Pamela C. Creedon
Executive Officer

Enclosure: Water Quality Order No. 2003-0017 DWQ

cc: Distribution List, page 13

PROJECT INFORMATION SHEET

Application Date: 4 February 2016

Application Deemed Complete: 24 February 2016

Applicant: ~~Matt Randall~~ Alice Atherton
Placer County
Placer County Department of Public Works
3091 County Center Drive, Suite 220
Auburn, CA 95603

Applicant Representative: Mike Trueblood
LSA Associates, Inc.
201 Creekside Ridge Court, Suite 250
Roseville, CA 95678

Project Name: Dowd Road Bridge Replacement at Markham Ravine Project

Application Number: WDID#5A31CR00432

Type of Project: Bridge Replacement

Timeframe of Project Implementation: 1 May through 1 October

Project Location: Section 13 & 14, Township 12 North, Range 5 East
Latitude: 38.890° and Longitude: -121.623°

County: Placer County

Receiving Water(s) (hydrologic unit): Markham Ravine, which is tributary to the Feather River. Marysville Hydrologic Unit #515.10, Lower Bear River HA

Water Body Type: Wetland

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, ~~Fourth~~ Fifth Edition, revised ~~June 2015~~ May 2018 (Basin Plan) has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include, but are not limited to: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Hydropower Generation (POW); Groundwater Recharge (GWR); Water Contact Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD); Preservation of Biological Habitats of Special Significance (BIOL); Rare, Threatened, or Endangered Species (RARE); Migration of Aquatic Organisms (MIGR); Spawning, Reproduction, and/or Early Development (SPWN); and Wildlife Habitat (WILD). A comprehensive and specific list of the beneficial uses

applicable for the project area can be found at
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml.

Project Description (purpose/goal): The Dowd Road Bridge Replacement at Markham Ravine Project is located west of the City of Lincoln in an unincorporated area of west Placer County, approximately 0.5 mile south of Nicolaus Road.

The proposed project will replace the existing narrow bridge along Dowd Road at Markham Ravine, just south of Nicolaus Road. The proposed project consists of replacing the existing reinforced concrete slab bridge with a two-span cast-in-place post tensioned slab. The new bridge and roadway approaches will accommodate two-lanes of traffic. The design speed for Dowd Road will be 55 MPH. Dowd Road will be closed at the bridge for approximately five months during construction. The project is not anticipated to generate new traffic and current forecast traffic volumes will remain unchanged despite widening the bridge to two lanes. A detour route will be provided along adjacent local roads including Williams Lane, Canal Road, Moore Road, and Nelson Lane.

The Project Description remains relatively unchanged from the Project Description in the Water Quality Certification (WDID #5A31CR00295) issued for this project on July 6, 2010. However, there have been minor design modifications that slightly affect the project footprint and result in increased impacts to Waters of the state. These design modifications are listed below:

- While the new bridge dimensions remain the same, abutments have been shifted approximately 5 feet south and the bridge approach shoulders have been reengineered to accommodate this shift.
- Road shoulder drainage ditches have been adjusted to accommodate the new bridge footprint.
- An access road located southwest of the bridge and two driveways located northwest of the bridge require modifications to conform with the new bridge approach profile.
- An additional staging area has been identified in the field southwest of the bridge.

The construction methodology remains unchanged from the 2009 Project Description.

The project will permanently impact 0.037 acre(s)/20 linear feet and/or temporarily impact 0.098 acre(s)/84 linear feet of waters of the United States.

Preliminary Water Quality Concerns: Construction activities including soil disturbance, excavation, cutting/filling, and grading activities could result in increased erosion and sedimentation and may impact surface waters with increased turbidity and settleable matter.

Proposed Mitigation to Address Concerns: Placer County will implement Best Management Practices (BMPs) to control sedimentation and erosion. All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities. Placer County will conduct turbidity and settleable matter testing during in-water work, stopping work if Basin Plan criteria are exceeded or are observed.

Fill/Excavation Area: Approximately 200 cubic yards of riprap will be placed into 0.037 acres of waters of the United States.

Dredge Volume: N/A

California Integrated Water Quality System Impact Data: The Project will permanently impact 0.037 acre(s)/20 linear feet of wetland from fill activities.

Table 1: Impacts from Fill and/or Excavation Activities

Fill Type	Permanent			Temporary		
	Acres	Linear Feet	Cubic Yards	Acres	Linear Feet	Cubic Yards
Wetlands						
Wetlands Total	0.037	<u>NA-20</u>	200	0.098	<u>NA-84</u>	-
Total Impacts	0.037	-	200	0.098	-	-

Notes

NA Not Applicable

United States Army Corps of Engineers File Number: SPK-2010-00667

United States Army Corps of Engineers Permit Type: Nationwide Permit #14 (Linear Transportation Crossings).

Department of Fish and Wildlife Lake or Streambed Alteration Agreement: Placer County has a Lake or Streambed Alteration Agreement number (1600-2010-0087-2016-0029-R2).

Possible Listed Species: State or Federally-threatened species were listed in the Section 401 Water Quality Certification Application.

Status of CEQA Compliance: Placer County is the Lead Agency responsible for compliance with the California Environmental Quality Act for the Dowd Road Bridge Replacement at Markham Ravine Project pursuant to § 21000 et seq. of the Public Resources Code. Placer County approved the Mitigated Negative Declaration on 23 February 2010. Placer County will file a Notice of Determination with the State Clearinghouse on 24 February 2010 (State Clearinghouse Number 2009122041).

Compensatory Mitigation: The Central Valley Water Board is not requesting compensatory mitigation for the Dowd Road Bridge Replacement at Markham Ravine Project.

Application Fee Provided: A total fee of \$765.00 was submitted on 4 February 2016 to the Central Valley Water Board as required by § 3833(b)(3)(A) and § 2200(a)(3) of the California Code of Regulations.

DISTRIBUTION LIST

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