CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: 26 June 2018

Expiration Date: 26 June 2023

Reg. Meas. ID:	420066
Place ID:	845675
WDID:	5A32CR00184
USACE No.:	SPK-2018-00207 NWP 18 Minor Discharges

Program Type: Fill/Excavation

Project Type: Cleanup of Hazardous or Toxic Waste

Project: Humbug Valley Debris Area Project

Applicant: Pacific Gas & Electric Company

Applicant Contact: Mr. Ben LePage
Pacific Gas & Electric Company
3401 Crow Canyon Road
San Ramon, CA 94583
Phone: (925) 415-6407
Email: BALO@pge.com

Applicant's Agent: Ms. Carol Yamane
Pacific Gas & Electric Company
3401 Crow Canyon Road
San Ramon, CA 94583
Phone: (925) 428-1042
Email: Carol.Yamane@pge.com

Water Board Staff: Scott Zaitz
Environmental Scientist
364 Knollcrest Drive, Suite 205
Redding, CA 96002
Phone: (530) 224-4784
Email: Scott.Zaitz@waterboards.ca.gov

Water Board Contact Person: If you have any questions, please call Central Valley Regional Water Quality Control Board (Central Valley Water Board) Staff listed above or (530) 224-4845 and ask to speak with the Water Quality Certification Unit Supervisor.

Table of Contents

I. Order ... 3

II. Public Notice ... 3

III. Project Purpose ... 3

IV. Project Description ... 3

V. Project Location ... 3

VI. Project Impact and Receiving Waters Information ... 3

VII. Description of Direct Impacts to Waters of the State ... 4

VIII. Avoidance and Minimization ... 4

IX. Compensatory Mitigation – Not Applicable ... 7

X. California Environmental Quality Act (CEQA) ... 7

XI. Petitions for Reconsideration – Not Applicable ... 7

XII. Fees Received ... 7

XIII. Conditions ... 7

XIV. Water Quality Certification ... 14

Attachment A Project Map
Attachment B Receiving Waters, Impact, and Mitigation Information
Attachment C CEQA Findings of Facts
Attachment D Report and Notification Requirements
Attachment E Signatory Requirements
Attachment F Certification Deviation Procedures

I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of Pacific Gas & Electric Company (PG&E) (hereinafter Permittee) for the Project. This Order is for the purpose described in application and supplemental information submitted by the Permittee. The application was received on 2 March 2018. The application was deemed complete on 11 May 2018.

II. Public Notice

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from 9 March 2018 to 30 March 2018. The Central Valley Water Board did not receive any comments during the comment period.

III. Project Purpose

The purpose of the work is to perform an environmental cleanup to remove soil that has been impacted with lead and polycyclic aromatic hydrocarbons (PAHs) associated with an area of debris.

IV. Project Description

The proposed project would involve removing soil with lead concentrations above the California Department of Toxic Substances Control residential screening level and U.S. Environmental Protection Agency regional residential screening levels for PAHs. The scope of work is based on the results of soil sampling events conducted in 2016 and 2017 to assess and delineate areas of soil impact around the debris.

The project area includes the work area, staging area, and access route. Work would require excavation, removal, and disposal of approximately 383 cubic yards of lead and PAH impacted soil from within the intermittent streambed and adjacent upland areas. The excavation would be to depths ranging from 0.5 feet below ground surface (ft-bgs) to 2.5 ft-bgs. Approximately 17 cubic yards of the total volume would be removed from an intermittent streambed located at the perimeter of the debris area with excavation depths within the intermittent streambed ranging from 1 to 1.75 ft-bgs. Excavated soil would be placed in bins with locking covers and transported to an approved off-site facility for disposal. No stockpiles would be required. The intermittent streambed would be accessed from the established roadway.

V. Project Location

The project area is located near the town of Longville, approximately 0.22 miles northwest of Humbug Road on the eastern side of Humbug Valley, which is approximately 6.2 miles southwest of Lake Almanor, California

County: Plumas

Section 31, Township 27 North, Range 07 East, MDB&M.

Latitude: 40.149694°N and Longitude: -121.24546°W

Maps showing the Project location are found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of the Central Valley Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised April 2016 (Basin Plan). The plan for the region and other plans and

policies may be accessed online at: http://www.waterboards.ca.gov/plans_policies/. The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This Order promotes that policy by requiring discharges to meet maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity is shown in Table 2 of Attachment B.

VII. Description of Direct Impacts to Waters of the State

No adverse effects to water quality are anticipated. Long-term beneficial effects would occur due to removal of debris and contaminated soil from the intermittent streambed. Total Project fill/excavation quantities for all impacts are summarized in Table 1.

Table 1: Total Project Fill/Excavation Quantity

Aquatic Resource Type	Temporary Impact[1]			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition		
	Acres	CY[2]	LF[2]	Acres	CY	LF	Acres	CY	LF
Stream Channel	0.009		94						

VIII. Avoidance and Minimization

The proposed project represents the minimum placement of fill necessary to achieve the project purpose. Construction equipment will only work from the top of bank and will not enter the intermittent stream. After removal of debris, the intermittent stream will be back filled with clean material and returned to pre-construction contours. All temporary impacts to vegetation will be restored with hand broadcast seed and bonded fiber matrix. In addition, adverse effects to the intermittent streambed would be minimized through construction Best Management Practices (BMPs). To avoid or minimize impacts to resources that may occur in the project area, the following avoidance and minimization measures are proposed:

1. Environmental training. Prior to starting any work at the project, all PG&E employees and contractors will receive training on environmental and cultural conditions and requirements applicable to the project. If additional crewmembers arrive later in the job, they will go through the training prior to beginning work. Training will include a discussion of the avoidance and minimization measures that must be implemented. Training will include information on the federal and state Endangered Species Acts, and the consequences of noncompliance with these acts. Workers will be informed about the

[1] Includes only temporary direct impacts to waters of the state and does not include upland areas of temporary disturbance which could result in a discharge to waters of the state.

[2] Cubic Yards (CY); Linear Feet (LF)

presence, life history, and habitat requirements of all special-status species, including nesting birds, that have the potential to be affected by the project. Training will also include information on state and federal laws protecting nesting birds, wetlands, and other water resources. Construction crews will be provided with an educational brochure that will include color photos of sensitive species and a discussion of the below Minimization Measures/BMPs that must be implemented.

2. Pre-construction nesting bird surveys. If work is scheduled to take place between February 15 and August 31, a pre-construction nesting bird survey will be conducted by a qualified biologist within 14 days prior to the start of construction, covering a radius around all work areas of 1,320 feet (0.25 miles) for raptors and 100 feet for non-listed passerines. If nesting birds are found within these respective areas, the PG&E biologist will develop appropriate measures to avoid impacting the nesting birds. If work cannot proceed without disturbing the nesting birds, or signs of disturbance are observed, work may need to be halted or redirected until nesting and fledging is completed, or the nest has otherwise failed for non-construction related reasons.

3. Pre-construction wildlife survey. Within 72 hours prior to project activities within the project area, a qualified biologist will survey the project area for special-status species. If a federally or state listed species or their sign are observed, the PG&E biologist and land planner will immediately be notified and they will determine the next steps. If a federally listed species is observed, no work will occur until the U.S. Army Corps of Engineers (ACOE) is notified.

4. Biological monitoring. Should nesting birds or raptors, or other special-status wildlife be observed during the pre-construction surveys, a qualified biological monitor will be present during vegetation clearing and initial excavation, or ground disturbing activities, to ensure the species are not impacted. Additional biological monitoring may be required at the discretion of the PG&E biologist.

5. Rain events. When rain is forecast, the PG&E biologist will determine which construction activities may need to be halted within 24 hours of a predicted 0.25-inch or greater rain event to ensure protection of special-status species, and to prevent runoff into jurisdictional waterways. If by 2:00 PM rain is forecast for the remainder of the day or subsequent night with a 70 percent or greater probability of rain (based on the nearest National Weather Service forecast – available at (http://forecast.weather.gov), work may be postponed until the rain event clears, and surface runoff is no longer present in the work area. Prior to stopping work, all work areas will be protected with appropriate BMPs, so that soil does not runoff of the work area. This will include placing spoils in soil bins and closing and locking the bins, and surrounding with weed-free straw wattles (free of monofilament plastic) and surrounding exposed areas with straw wattles. In the event that work activities need to occur during rain events, a biological monitor may be required to be present during all work activities.

6. Excavation escape ramps. All excavated, steep-walled holes or trenches more than 2 feet deep shall have one or more wildlife escape ramps within it that are constructed of earth fill, wooden planks, or similar that are at an angle no greater than 33 degrees. Before any holes or trenches are filled, they should be thoroughly inspected for trapped animals.

7. No monofilament. No monofilament plastic will be used for erosion control (e.g. matting, fiber roll, wattles, silt fencing backing, or sod) in natural areas. Examples of appropriate materials are burlap and coconut fiber.

8. Invasive Weeds. To prevent the spread of invasive weeds, the following measures shall be implemented.
   - Off-road equipment that is not local to the project area will be pressure washed or brushed prior to entering the project area to ensure that it is free of soil and plant parts.
   - Minimize soil disturbance to the extent possible.
   - Drive on and park on established roads as much as possible.
   - Avoid working in invasive weed infested areas or prioritize activities so that infested areas are worked in last.
   - Use areas known to be weed-free for staging and laydown areas.
   - Materials used for erosion control will be certified weed free (i.e. straw wattles, gravel, fill material, etc.). When restoring a site after disturbance, use a native seed mix. Contact the project botanist for help in sourcing these materials, if needed.
   - Clean clothing, footwear, and gear before moving from and infested area to a non-infested area.
9. Noise and spill control. Both a noise and spill control plan shall be developed and fully implemented.

10. Dust control. A dust control plan shall be developed and fully implemented. Measures included within the plan will include:
    - Earthmoving or other dust-producing activities will be suspended during periods of high winds.
    - All exposed or disturbed soil surfaces will be watered at least twice daily to control dust, as necessary.
    - All trucks hauling soil, sand, and other loose materials will be covered and all trucks will be required to maintain at least two feet of freeboard.

11. Minimization of Vegetation Disturbance**.** Disturbance or removal of vegetation will not exceed the minimum necessary to complete construction. Vegetation in disturbed areas will be replanted as quickly as possible; through hand broadcast of native seed and use of bonded fiber matrix. All equipment (e.g., excavators, trucks, and hand tools) that may have come in contact with invasive plants or the seeds of these plants will be carefully cleaned before arriving on the site and will also be carefully cleaned before removal from the site to prevent spread of these plants.

12. Staging**.** All staging, maintenance, and storage of construction equipment will be performed in a manner to preclude any direct or indirect discharge of fuel, oil, or other petroleum products onto the ground or into the intermittent stream. No other debris, rubbish, creosote-treated wood, soil, silt, sand, cement, concrete or washings thereof, or other construction-related materials or wastes will be allowed to enter into or be placed where they may be washed by rainfall or runoff into the intermittent stream. All such debris and waste will be picked-up daily and properly disposed of at an appropriate site.

13. Turbidity**.** Work will only occur when there is no water within the intermittent streambed.

14. Work Limit**.** The work area will be delineated where necessary with orange construction fencing in order to minimize impacts to habitat beyond the work limit. All equipment will remain on the top of bank and will not enter the intermittent stream.

15. Pre-Construction Contours. All graded areas shall be restored to pre-construction contours prior to project completion.

16. Debris Disposal**.** All material and debris generated as a result of project construction shall be removed from the site and disposed of in an approved location outside Army Corps of Engineers jurisdiction.

17. Post Construction Report**.** A post construction report shall be submitted 45 days after the conclusion of construction activities. The report shall document construction activities and contain as-built drawings (if different from drawings submitted with application) and include before and after photographs.

IX. Compensatory Mitigation – Not Applicable

X. California Environmental Quality Act (CEQA)

On 30 March 2018, the Central Valley Regional Water Quality Control Board (CVRWQCB) , as lead agency, issued a Notice of Exemption (NOE) (State Clearinghouse (SCH) No. 2018048035) for the Project

XI. Petitions for Reconsideration – Not Applicable

XII. Fees Received

An application fee of $1,500.00 was received on 2 March 2018. 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.

XIII. Conditions

The Central Valley Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the

Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Table 1.

B. Reporting and Notification Requirements

The following section details the reporting and notification types and timing of submittals. Requirements for the content of these reporting and notification types are detailed in Attachment D, including specifications for photo and map documentation during the Project. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment D, which must be signed by the Permittee or an authorized representative.

The Permittee must submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleyredding@waterboards.ca.gov.

In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

1. Project Reporting

Annual Reporting: The Permittee shall submit an Annual Report each year on the 1st day of the month one year after the effective date of the Certification. Annual reporting shall continue until a Notice of Project Complete Letter is issued to the Permittee.

2. Project Status Notifications

a. Commencement of Construction: The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities.

b. Request for Notice of Completion of Discharges Letter: The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Central Valley Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period and associated annual fees.

c. Request for Notice of Project Complete Letter: The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,[3] and no further Project activities will occur. This request shall be submitted to Central Valley Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Central Valley Water Board staff shall issue a Notice of Project

[3] Completion of post-construction monitoring shall be determined by Central Valley Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria.

Complete Letter to the Permittee which will end the post discharge monitoring period and associated annual fees.

3. **Conditional Notifications and Reports:** The following notifications and reports are required as appropriate.

   a. **Accidental Discharges of Hazardous Materials**[4]

   Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Water Code, Section 13271):

   i. As soon as (A) Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:

      - first call – 911 (to notify local response agency)
      - then call – Office of Emergency Services (OES) State Warning Center at:(800) 852-7550 or (916) 845-8911
      - Lastly follow the required OES procedures as set forth in: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf

   ii. Following notification to OES, the Permittee shall notify Central Valley Water Board, as soon as practicable (ideally within 24 hours). Notification may be delivered via written notice, email, or other verifiable means.

   iii. Within five (5) working days of notification to the Central Valley Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.

   b. **Violation of Compliance with Water Quality Standards:** The Permittee shall notify the Central Valley Water Board of any event causing a violation of compliance with water quality standards. Notification may be delivered via written notice, email, or other verifiable means.

   i. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.

   c. **In-Water Work and Diversions:**

   i. The Permittee shall notify the Central Valley Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be delivered via written notice, email, or other verifiable means.

   ii. Within three (3) working days following completion of work in water or stream diversions, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Central Valley Water Board staff.

   d. **Modifications to Project:** Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Central Valley Water Board staff if Project implementation as described in the application materials is altered in

[4] "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Safety Code, Section 25501.)

any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Central Valley Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order. Notification may be made in accordance with conditions in the certification deviation section of this Order.

e. Transfer of Property Ownership: This Order is not transferable in its entirety or in part to any person or organization except after notice to the Central Valley Water Board in accordance with the following terms:

i. The Permittee must notify the Central Valley Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee and purchaser must sign and date the notification and provide such notification to the Central Valley Water Board at least 10 days prior to the transfer of ownership.The purchaser must also submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

ii. Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.

f. Transfer of Long-Term BMP Maintenance: If maintenance responsibility for post-construction BMPs is legally transferred, the Permittee must submit to the Central Valley Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer or designer specifications. The Permittee must provide such notification to the Central Valley Water Board with a Transfer of Long-Term BMP Maintenance Report at least 10 days prior to the transfer of BMP maintenance responsibility.

C. Water Quality Monitoring

1. Accidental Discharges/Noncompliance: Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Central Valley Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

If no sampling is required, the Permittee shall submit a written statement stating, "No sampling was required" within two weeks on initiation of in-water construction, and every two weeks thereafter.

2. Post-Construction: Visually inspect the Project site during the rainy season for one year to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Central Valley Water Board staff member overseeing the Project within three (3) working days. The Central Valley Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

D. Standard

1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, Title 23, chapter 28, Article 6 commencing with sections 3867-3869, inclusive. Additionally, the Central Valley Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Central Valley Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Water Code, section 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. section 1313).
2. This Order is conditioned upon total payment of any fee required under Title 23 of the California Code of Regulations and owed by the Permittee.
3. In the event of any violation or threatened violation of the conditions of this Order, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. For purposes of Clean Water Act, section 401(d), the applicability of any state law authorizing remedies, penalties, processes, 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 Order.

E. General Compliance

1. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act and the Clean Water Act. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.
2. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plans by any applicable Central Valley Water Board or any applicable State Water Board (collectively Water Boards) water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.
3. In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem 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. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.
4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.
5. This Order and all of its conditions contained herein continue to have full force and effect regardless of the expiration or revocation of any federal license or permit issued for the Project. For purposes of Clean Water Act, section 401(d), this condition

constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements of state law.

F. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment E of this Order.

2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & Wildlife Code, sections 2050-2097) or the federal Endangered Species Act (16 U.S.C. sections 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.

3. The Permittee shall grant Central Valley Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:

a. Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.

b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.

c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.

d. Sample or monitor for the purposes of assuring Order compliance.

4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.

5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.

6. Lake or Streambed Alteration Agreement – The Permittee shall submit a signed copy of the Department of Fish and Wildlife's Lake or Streambed Alteration Agreement to the Central Valley Water Board immediately upon execution and prior to any discharge to waters of the state.

G. Construction

1. Dewatering – Not Applicable

2. Directional Drilling – Not Applicable

3. Dredging – Not Applicable

4. Fugitive Dust – Not Applicable

5. **Good Site Management "Housekeeping"**
   - **a.** 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. The Permittee 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.
   - **b.** All materials resulting from the Project shall be removed from the site and disposed of properly.
6. **Hazardous Materials**
   - **a.** The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete or the washing thereof, asphalt, paint, coating material, drilling fluids, or other substances potentially hazardous to fish and wildlife resulting from or disturbed by project-related activities is prohibited and shall be prevented from contaminating the soil and/or entering waters of the state. In the event of a prohibited discharge, the Permittee shall comply with notification requirements in sections XIII.B.3.a and XIII.B.3.b.
   - **b.** Concrete must be completely cured before coming into contact with waters of the United States and waters of the state. 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.
7. **Invasive Species and Soil Borne Pathogens**

   Prior to arrival at the project site and prior to leaving the project site, construction equipment that may contain invasive plants and/or seeds shall be cleaned to reduce the spread of noxious weeds.
8. **Post-Construction Storm Water Management – Not Applicable**
9. **Roads – Not Applicable**
10. **Sediment Control**
    - **a.** Except for activities permitted by the United States Army Corps of Engineers under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.
    - **b.** Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the state through the entire duration of the Project.
    - **c.** The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.
11. **Special Status Species – Not Applicable**
12. **Stabilization/Erosion Control**

a. All areas disturbed by Project activities shall be protected from washout and erosion.

b. Hydroseeding shall be performed with California native seed mix.

13. Storm Water

a. During the construction phase, the Permittee must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include the following:

i. 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.

H. Site Specific – Not Applicable

I. Total Maximum Daily Load (TMDL) – Not Applicable

J. Mitigation for Temporary Impacts – Not Applicable

K. Compensatory Mitigation for Permanent Impacts[5] – Not Applicable

L. Ecological Restoration and Enhancement: – Not Applicable

M. Certification Deviation

1. Minor modifications of Project locations or predicted impacts may be necessary as a result of unforeseen field conditions, necessary engineering re-design, construction concerns, or similar reasons. Some of these prospective Project modifications may have impacts on water quality. Some modifications of Project locations or predicted impacts may qualify as Certification Deviations as set forth in Attachment F. For purposes of this Certification, a "Certification Deviation" is a Project locational or impact modification that does not require an immediate amendment of the Order, because the Central Valley Water Board has determined that any potential water quality impacts that may result from the change are sufficiently addressed by the Order conditions and the CEQA Findings. After the termination of construction, this Order will be formally amended to reflect all authorized Certification Deviations and any resulting adjustments to the amount of water resource impacts and required compensatory mitigation amounts.

2. A Project modification shall not be granted a Certification Deviation if it warrants or necessitates changes that are not addressed by the Order conditions or the CEQA environmental document such that the Project no longer qualifies for a categorical exemption. In this case a supplemental environmental review and different Order will be required.

XIV. Water Quality Certification

I hereby issue the Order for the Humbug Valley Debris Area Project, WDID No. 5A32CR00184 certifying that as long as all of the conditions listed in this Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of

[5] Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

Performance), and 307 (Toxic and Pretreatment Effluent Standards). The Central Valley Water Board, as lead agency, issued a Notice of Exemption (NOE) (State Clearinghouse (SCH) No. 2018048035) for the Project.

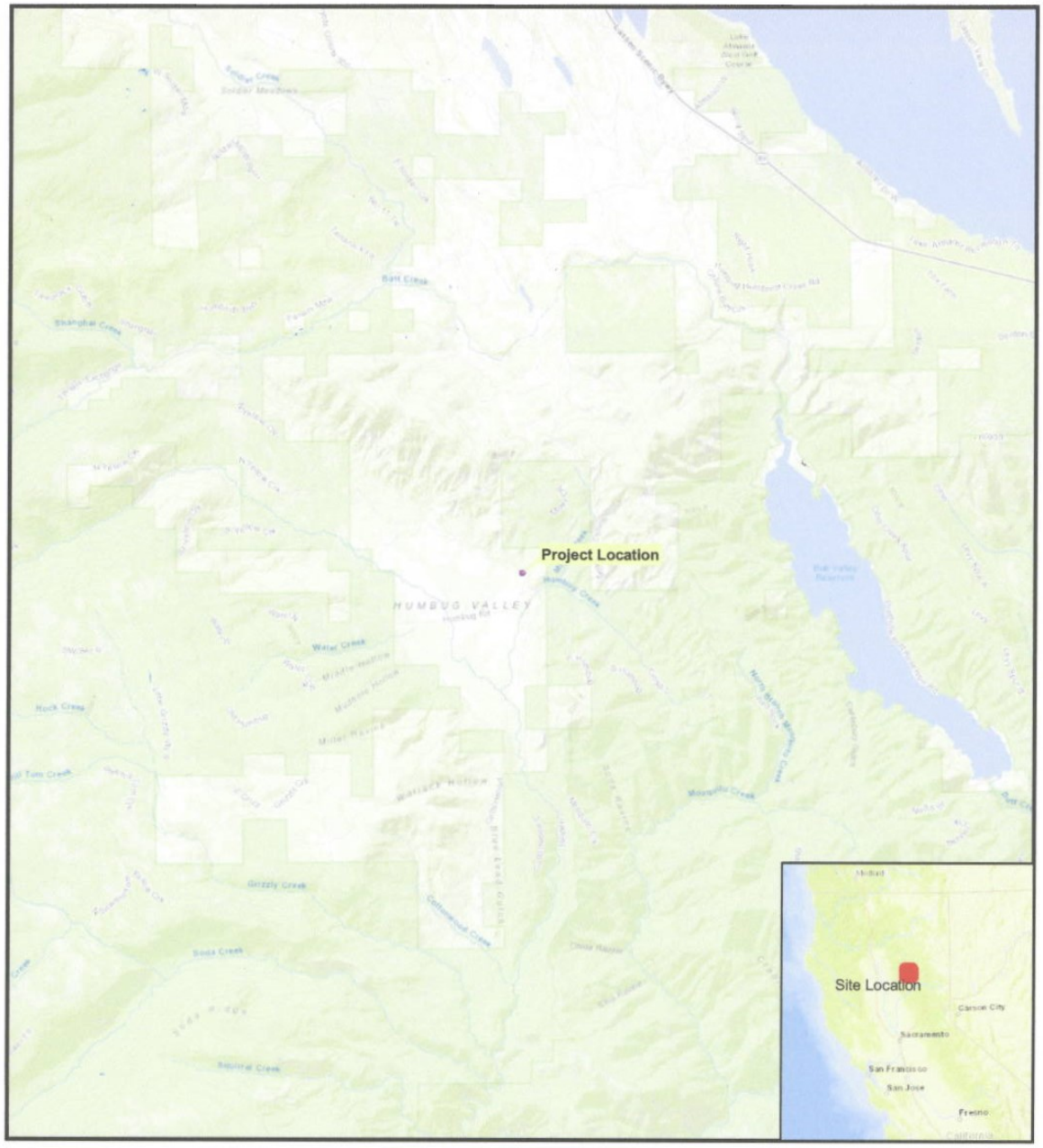
Except insofar as may be modified by any preceding conditions, all Order actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of this Order and the attachments to this Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, the Regional Water Boards' Water Quality Control Plans and Policies.

PATRICK PULUPA, Executive Officer
Central Valley Regional Water Quality Control Board

6/26/2018
Date

Attachment A	Project Maps
Attachment B	Receiving Waters, Impact, and Mitigation Information
Attachment C	CEQA Findings of Facts
Attachment D	Report and Notification Requirements
Attachment E	Signatory Requirements
Attachment F	Certification Deviation Procedures

(This page intentionally left blank)



Legend

Project Area

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

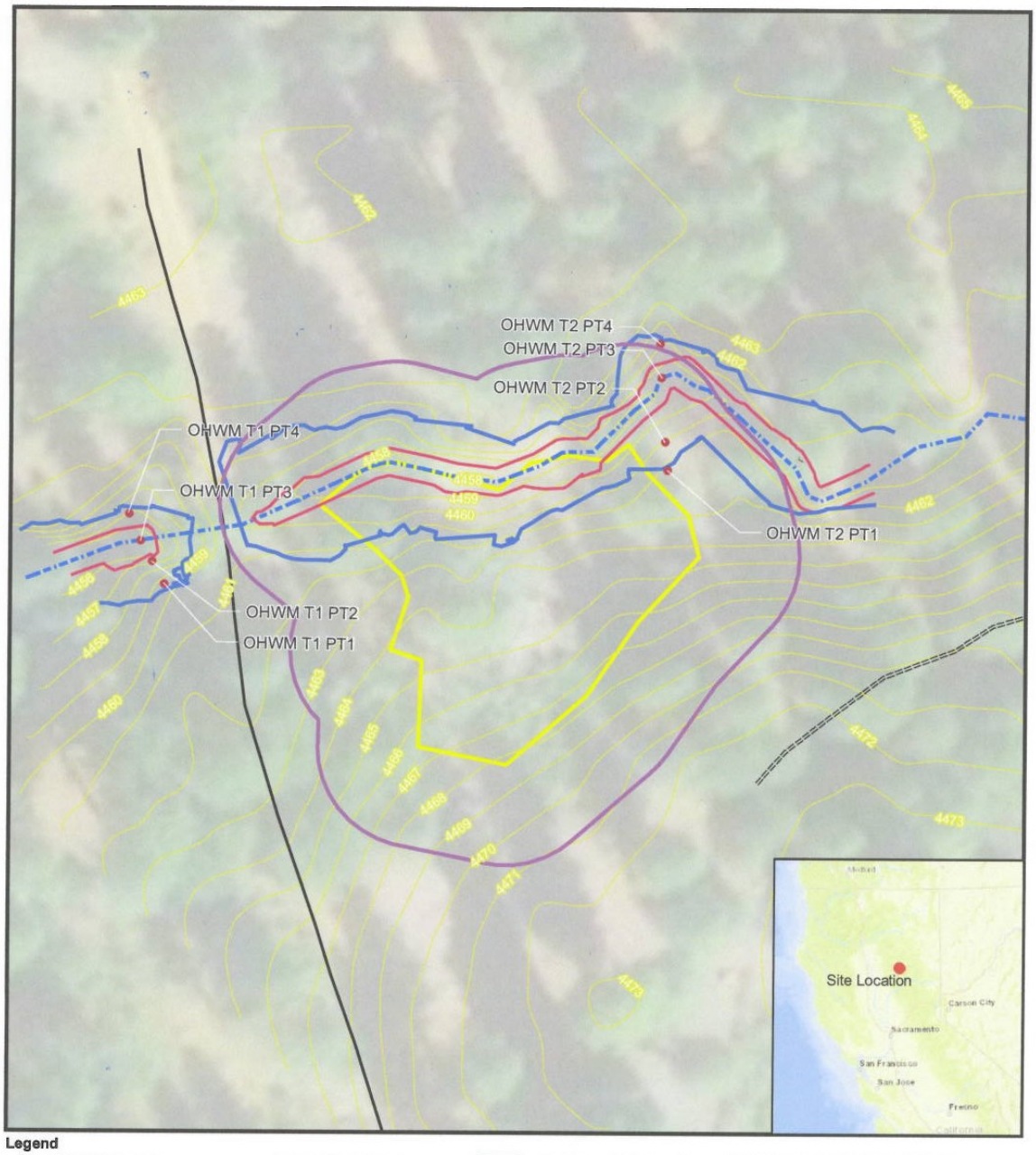
N

0 2 Miles

Figure 1
Project Location
PG&E Humbug Valley Debris Area
Preliminary Delineation of Waters of the United States, Including Wetlands
Longville, Plumas County, California

\\BROOKSIDE\GIS_SHARE\ENBG\00_PROJ\P\PGE\ALLIANCE\HUMBUGVALLEY\GIS\MAPS\REPORT\2017\ARDR\FIG1_PROJECTLOCATION_ARDR.MXD GMOON 12/28/2017

ch2m



Legend

- OHWM Transect
- OHWM
- Floodplain/Top of Bank
- Topographic Contour (1-foot interval, feet above mean sea level)
- Intermittent stream, 0.0312 acre (159 linear feet) within Project Area
- Access Road
- Former Road
- Project Area (0.442 acre)
- Proposed Excavation Area

OHWM = ordinary high water mark

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

N

0 50 Feet

Figure 2
Aquatic Resources Map
PG&E Humbug Valley Debris Area
Preliminary Delineation of Waters of the United States, Including Wetlands
Longville, Plumas County, California

\\BROOKSIDE\GIS_SHARE\ENBG\00_PROJ\P\PGE\ALLIANCE\HUMBUGVALLEY\GIS\MAPS\REPORT\2018\DEBRISPERMIT\LCC-HUMBUGDEBRIS_DELINEATION-FIG2.MXD GMOO ch2m

(This page intentionally left blank)

Receiving Waters

The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Water(s) Information

Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	CRAM AA ID[6]
Humbug Valley Debris Area Project	Unnamed intermittent stream tributary to Yellow Creek	Stream	518.43	North Fork Feather River	WILD, SPWN, COLD, REC-1, REC-2, POW, MUN	Mercury, PCBs, Temperature-water, Unknown Toxicity	(N/A)

[6] California Rapid Assessment Method (CRAM) score of impacted sites provided by the Permittee.

Individual Direct Impact Locations

The following table shows individual impact locations.

Table 2: Individual Direct Impact Information

Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
Humbug Valley Debris Area Project	40.149694	-121.24546	☐	x	Temporary				0.009	94	
					Permanent						

This page intentionally left blank)

FINDINGS OF CEQA EXEMPT PROJECT

The Central Valley Regional Water Quality Control Board has determined that the Project is categorically exempt from review under CEQA pursuant to California Code of Regulations, Title 14, Article 19, section 15304 Minor Alterations to Land. Class 4 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.

The Central Valley Regional Water Quality Control Board filed a Notice of Exemption with the State Clearinghouse on 2 April 2018, State Clearinghouse number 2018048035.

The proposed project has been reviewed and determined to be consistent with Categorical Exemption 15304 – Class 4, Minor Alterations to Land.

(This page intentionally left blank)

Copies of this Form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report: please retain for your records. If you need to obtain a copy of the Cover Sheet you may download a copy of this Order as follows:

1. Go to: http://www.waterboards.ca.gov/water_issues/programs/cwa401/certifications.shtml

2. Find your Order in the table based on Applicant, Date, and Subject headers.

Report Submittal Instructions

1. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting.

- **Part A (Annual Report):** This report will be submitted annually from the anniversary of Project effective date until a Notice of Project Complete Letter is issued.
- **Part B (Project Status Notifications):** Used to notify the Central Valley Water Board of the status of the Project schedule that may affect Project billing.
- **Part C (Conditional Notifications and Reports):** Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.

2. Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.

3. Electronic Report Submittal Instructions:

- Submit signed Report and Notification Cover Sheet and required information via email to: centralvalleyredding@waterboards.ca.gov and cc: Scott.Zaitz@waterboards.ca.gov
- Include in the subject line of the email:
  Subject: ATTN: Scott Zaitz; Reg. Measure ID: 420066_Report

Definition of Reporting Terms

1. **Active Discharge Period:** The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.

2. **Request for Notice of Completion of Discharges Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Central Valley Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period and a change in fees from the annual active discharge fee to the annual post-discharge monitoring fee.

3. **Request for Notice of Project Complete Letter:** This request by the Permittee to the Central Valley Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further Project activities are planned. Central Valley Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.

4. **Post-Discharge Monitoring Period:** The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Central Valley Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.

5. **Effective Date:** Date of Order issuance.

Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

1. **Map Format Information:**
   Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):
   - **GIS shapefiles**: The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD83) in the California Teale Albers projection in feet.
   - **Google KML files** saved from Google Maps: My Maps or Google Earth Pro. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
   - **Other electronic format** (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
   - Aquatic resource maps marked on paper **USGS 7.5 minute topographic maps** or **Digital Orthophoto Quarter Quads (DOQQ)** printouts. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.

2. **Photo-Documentation:** Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

REPORT AND NOTIFICATION COVER SHEET

Project:	Humbug Valley Debris Area Project		
Permittee:	Pacific Gas & Electric Company		
Reg. Meas. ID:	420066	**Place ID:**	845675
Order Effective Date:	26 June 2018		
Order Expiration Date:	26 June 2023		

Report Type Submitted

Part A – Project Reporting		
Report Type 1	☐	**Annual Report**
Part B - Project Status Notifications		
Report Type 2	☐	**Commencement of Construction**
Report Type 3	☐	**Request for Notice of Completion of Discharges Letter**
Report Type 4	☐	**Request for Notice of Project Complete Letter**
Part C - Conditional Notifications and Reports		
Report Type 5	☐	**Accidental Discharge of Hazardous Material Report**
Report Type 6	☐	**Violation of Compliance with Water Quality Standards Report**
Report Type 7	☐	**In-Water Work/Diversions Water Quality Monitoring Report**
Report Type 8	☐	**Modifications to Project Report**
Report Type 9	☐	**Transfer of Property Ownership Report**
Report Type 10	☐	**Transfer of Long-Term BMP Maintenance Report**
Report Type 11	☐	**Other Report Type**

"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."

Print Name [1]	**Affiliation and Job Title**
Signature	**Date**

[1]STATEMENT OF AUTHORIZATION (include if authorization has changed since application was submitted)

I hereby authorize _____ to act in my behalf as my representative in the submittal of this report, and to furnish upon request, supplemental information in support of this submittal.

_____ _____
Permittee's Signature Date

***This Report and Notification Cover Sheet must be signed by the Permittee or a duly authorized representative and included with all written submittals.**

Part A – Project Reporting

Report Type 1	**Annual Report**
Report Purpose	Notify the Central Valley Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
When to Submit	Annual reports shall be submitted each year on the 1st day of July. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below. **<u>During the Active Discharge Period</u>** • **Topic 1: Construction Summary** • **Topic 2: Mitigation for Temporary Impacts Status** • **Topic 3: Compensatory Mitigation for Permanent Impacts Status** **<u>During the Post-Discharge Monitoring Period</u>** • **Topic 2: Mitigation for Temporary Impacts Status** • **Topic 3: Compensatory Mitigation for Permanent Impacts Status**
Annual Report Topics (1-3)	
Annual Report Topic 1	**Construction Summary**
When to Submit	With the annual report during the Active Discharge Period.
Report Contents	**1.** Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay. **2.** Map showing general Project progress. **3.** If applicable: **a.** Summary of Conditional Notification and Report Types 6 and 7 (Part C below). **b.** Summary of Certification Deviations. See Certification Deviation Attachment for further information.
Annual Report Topic 2	**Mitigation for Temporary Impacts Status**
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.
Report Contents	**1.** Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state**.**

	2. If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of performance standards contained in the restoration plan.
Annual Report Topic 3	**Compensatory Mitigation for Permanent Impacts Status**
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.
Report Contents	***If not applicable report N/A.** **Part A. Permittee Responsible** **1.** Planned date of initiation of compensatory mitigation site installation**.** **2.** If installation is in progress, a map of what has been completed to date. **3.** If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan. **Part B. Mitigation Bank or In-Lieu Fee** **1.** Status or proof of purchase of credit types and quantities. **2.** Include the name of bank/ILF Program and contact information. **3.** If ILF, location of project and type if known.

Part B – Project Status Notifications

Report Type 2	**Commencement of Construction**
Report Purpose	Notify Central Valley Water Board staff prior to the start of construction.
When to Submit	Must be received at least seven (7) days prior to start of initial ground disturbance activities.
Report Contents	**1.** Date of commencement of construction. **2.** Anticipated date when discharges to waters of the state will occur. **3.** Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable. **4.** Construction Storm Water General Permit WDID No. **5.** Proof of purchase of compensatory mitigation for permanent impacts from the mitigation bank or in-lieu fee program.

Report Type 3	**Request for Notice of Completion of Discharges Letter**
Report Purpose	Notify Central Valley Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities.
Report Contents	**1.** Status of storm water Notice of Termination(s), if applicable. **2.** Status of post-construction storm water BMP installation. **3.** Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized. **4.** Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable. **5.** An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

Report Type 4	**Request for Notice of Project Complete Letter**
Report Purpose	Notify Central Valley Water Board staff that construction and/or any post-construction monitoring is complete, or is not required, and no further Project activity is planned.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project activities.
Report Contents	**Part A: Mitigation for Temporary Impacts** **1.** A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state. **2.** A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to

	waters of the state. Pre- and post-photo documentation of all restoration sites. **Part B: Permittee Responsible Compensatory Mitigation** **1.** A report establishing that the performance standards outlined in the compensatory mitigation plan have been met. **2.** Status on the implementation of the long-term maintenance and management plan and funding of endowment. **3.** Pre- and post-photo documentation of all compensatory mitigation sites. **4.** Final maps of all compensatory mitigation areas (including buffers). **Part C: Post-Construction Storm Water BMPs** **1.** Date of storm water Notice of Termination(s), if applicable. **2.** Report status and functionality of all post-construction BMPs.

Part C – Conditional Notifications and

Report Type 5	Accidental Discharge of Hazardous Material Report
Report Purpose	Notifies Central Valley Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Central Valley Water Board staff.
Report Contents	**1.** The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted. **2.** If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites. **3.** Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

Report Type 6	Violation of Compliance with Water Quality Standards Report
Report Purpose	Notifies Central Valley Water Board staff that a violation of compliance with water quality standards has occurred.
When to Submit	The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Central Valley Water Board staff.
Report Contents	The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Central Valley Water Board staff.

Report Type 7	In-Water Work and Diversions Water Quality Monitoring Report
Report Purpose	Notifies Central Valley Water Board staff of the start and completion of in-water work. Reports the sampling results during in-water work and during the entire duration of temporary surface water diversions.
When to Submit	Seven (7) days prior to the start of in-water work. Within three (3) working days following the completion of in-water work. Surface water monitoring reports to be submitted two (2) weeks on initiation of in-water construction and during entire duration of temporary surface water diversions. Continue reporting in accordance with the approved water quality monitoring plan or as indicated in XIII.C.3.
Report Contents	As required by the approved water quality monitoring plan or as indicated in XIII.C.3.

Report Type 8	**Modifications to Project Report**
Report Purpose	Notifies Central Valley Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
When to Submit	If Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
Report Contents	A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

Report Type 9	**Transfer of Property Ownership Report**
Report Purpose	Notifies Central Valley Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	**1.** A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts: **a.** the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and **b.** responsibility for compliance with any long-term BMP[7] maintenance plan requirements in this Order. **2.** A statement that the Permittee has informed the purchaser to submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

Report Type 10	**Transfer of Long-Term BMP Maintenance Report**
Report Purpose	Notifies Central Valley Water Board staff of transfer of long-term BMP maintenance responsibility.
When to Submit	At least 10 working days prior to the transfer of BMP maintenance responsibility.
Report Contents	A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

Report Type 11	**Other Reports**
Report Purpose	Required by Order condition.
When to Submit	As stated within the Order.
Report Contents	As stated within the Order.

[7] Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

(This page intentionally left blank)

SIGNATORY REQUIREMENTS

All Documents Submitted In Compliance With This Order Shall Meet The Following Signatory Requirements:

1. All applications, reports, or information submitted to the Central Valley Water Quality Control Board (Central Valley Water Board) must be signed and certified as follows:
   a) For a corporation, by a responsible corporate officer of at least the level of vice-president.
   b) For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
   c) For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
2. A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:
   a) The authorization is made in writing by a person described in items 1.a through 1.c 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 Central Valley Water Board Staff Contact prior to submitting any documents listed in item 1 above.
3. Any person signing a document under this section shall make the following certification:

"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."

(This page intentionally left blank)

Certification Deviation Procedures

Introduction

These procedures are put into place to preclude the need for Order amendments for minor changes in the Project routing or location. Minor changes or modifications in project activities are often required by the Permittee following start of construction. These deviations may potentially increase or decrease impacts to waters of the state. In such cases, a Certification Deviation, as defined in Section M of the Order, may be requested by the Permittee as set forth below:

Process Steps

Who may apply: The Permittee or the Permittee's duly authorized representative or agent (hereinafter, "Permittee") for this Order.

How to apply: By letter or email to the 401 staff designated as the contact for this Order.

Certification Deviation Request: The Permittee will request verification from the Central Valley Water Board staff that the project change qualifies as a Certification Deviation, as opposed to requiring an amendment to the Order. The request should:

1. Describe the Project change or modification:
    a. Proposed activity description and purpose;
    b. Why the proposed activity is considered minor in terms of impacts to waters of the state and the environment;
    c. How the Project activity is currently addressed in the Order; and,
    d. Why a Certification Deviation is necessary for the Project.
2. Describe location (latitude/longitude coordinates), the date(s) it will occur, as well as associated impact information (i.e., temporary or permanent, federal or non-federal jurisdiction, water body name/type, estimated impact area, etc.) and minimization measures to be implemented.
3. Provide all updated environmental survey information for the new impact area.
4. Provide a map that includes the activity boundaries with photos of the site.
5. Provide verification of any mitigation needed according to the Order conditions.
6. Provide any other information required by Central Valley Water Board staff to determine whether the Project change or modification necessitates additional environmental review. (California Code of Regulations, Title 14, sections 15061, 15162-15164.)

Post-Discharge Certification Deviation Reporting:

1. Within 30 calendar days of completing the approved Certification Deviation activity, the Permittee will provide a post-discharge activity report that includes the following information:
    a. Activity description and purpose;
    b. Activity location, start date, and completion date;
    c. Erosion control and pollution prevention measures applied;
    d. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
    e. Mitigation plan, if applicable; and,
    f. Map of activity location and boundaries; post-construction photos.

Annual Summary Deviation Report:

1. Until a Notice of Completion of Discharges Letter or Notice of Project Complete Letter is issued, include in the Annual Project Report (see Construction Notification and Reporting attachment) a compilation of all Certification Deviation activities through the reporting period with the following information:
    a. Site name(s).
    b. Date(s) of Certification Deviation approval.
    c. Location(s) of authorized activities.
    d. Impact area(s) by water body type prior to activity in acres, linear feet and cubic yards, as originally authorized in the Order.
    e. Actual impact area(s) by water body type in, acres, linear feet and cubic yards, due to Certification Deviation activity(ies).
    f. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
    g. Mitigation to be provided (approved mitigation ratio and amount).