



Central Valley Regional Water Quality Control Board

10 September 2018

Jimmy Leong
San Francisco Public Utilities Commission
P.O. Box 60
Moccasin, California 95347

CERTIFIED MAIL
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CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR THE SFPUC MOCCASIN CREEK FLOODING EMERGENCY WORK, TUOLUMNE COUNTY (WDID#5B55CR00125)

Enclosed please find a Clean Water Act Section 401 Water Quality Certification and Order, authorized by Central Valley Regional Water Quality Control Board Executive Officer, Patrick Pulupa. This Order is issued to San Francisco Public Utilities Commission for SFPUC Moccasin Creek Flooding Emergency Work (Project). Attachments A through F of the Enclosure are also part of the Order.

This Order is issued in response to an application submitted by San Francisco Public Utilities Commission for proposed Project discharge to waters of the state, to ensure that the water quality standards for all waters of the state impacted by the Project are met. You may proceed with your Project according to the terms and conditions of the enclosed Order.

Please review your Order carefully to ensure that you understand all aspects of the Order. Note that this Order requires reporting and notification. Requirements for the content of the reporting and notification requirements 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.

These reports, notifications, and other submissions must be submitted in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleysacramento@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.

If you require further assistance, please contact me by phone at (916) 464-4856 or by email at Nicholas.White@waterboards.ca.gov. You may also contact Stephanie Tadlock, Unit Supervisor, by phone at (916) 464-4644 or by email at Stephanie.Tadlock@waterboards.ca.gov

Original Signed By:

Nicholas White
Water Resource Control Engineer
401 Water Quality Certification Unit

Enclosures (1): Order for SFPUC Moccasin Creek Flooding Emergency Work

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Central Valley Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: 10 September 2018	Reg. Meas. ID: 421833
Expiration Date: 9 September 2023	Place ID: 847877
Program Type: Fill/Excavation	WDID: 5B55CR00125
	USACOE#: SPK-2018-00410
	RGP8

Project Type: Dams

Project: SFPUC Moccasin Creek Flooding Emergency Work (Project)

Applicant: Jimmy Leong
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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 (916) 464-3291 and ask to speak with the Water Quality Certification Unit Supervisor.

Table of Contents

I. Order3

II. Project Purpose.....3

III. Project Description3

IV. Project Location3

V. Project Impact and Receiving Waters Information4

VI. Description of Direct Impacts to Waters of the State4

VII. Description of Indirect Impacts to Waters of the State6

VIII. Avoidance and Minimization6

IX. Compensatory Mitigation6

X. California Environmental Quality Act (CEQA)6

XI. Petitions for Reconsideration6

XII. Fees Received7

XIII. Conditions7

XIV. Water Quality Certification16

- 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 San Francisco Public Utilities Commission (herein after 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 18 May 2018. The application was deemed complete on 15 August 2018. Prior to receiving a complete application, Central Valley Water Board staff issued a notice of incomplete application and the Permittee responded to the request for application information on the following dates (Table 1).

Table 1: Record of Notice(s) of Incomplete Application	
Date of Notice of Incomplete Application	Date all requested information was received.
22 May 2018	23 July 2018

Central Valley Water Board staff requested additional information necessary to supplement the contents of the complete application and the Permittee responded to the request for supplemental information on the following dates (Table 2).

Table 2: Record of Supplemental Application Information	
Date of Request for Supplemental Information	Date all requested information was received.
15 August 2018	29 August 2018

II. Project Purpose

In March 2018, an atmospheric river generated high flows in Moccasin Creek and its tributaries. The event caused mass wasting, channel scouring, debris mobilization, and flooding. Facilities associated with Moccasin Reservoir were damaged as a result. The Project will allow for the necessary repairs to return to the facilities to functioning order.

III. Project Description

The 46-acre Project involves debris and sediment removal from multiple locations, repairs to the Moccasin Creek Diversion Dam, replacement of the intake screen of the Dam, construction of concrete aprons downstream of the Dam, installation of floating debris booms, replacement of a 3-inch-diameter water line, replacement of a 4-inch-diameter storm water diversion pipeline, construction of a footbridge within the reservoir, erosion reinforcement of the Moccasin Creek Diversion conduit, armoring of the Moccasin Dam Auxiliary Spillway, enhancement of the Moccasin Creek Fish Hatchery berm, and repairs to the Priest Reservoir Access Road Culvert and Moccasin Low Head Powerhouse.

IV. Project Location

12 locations near the intersection of Highway 120 and Highway 49 in Tuolumne County.

Table 3: Project Impact Locations		
Project Location	Latitude	Longitude
1. Moccasin Creek Diversion Dam	37°48'28.17"N	120°17'53.22"W
2. Toe of Dam	37°48'43.35"N	120°18'22.82"W
3. Dam Auxiliary Spillway	37°48'47.85"N	120°18'23.18"W
4. Fish Hatchery Berm	37°48'47.94"N	120°18'26.62"W
5. Priest Reservoir Access Road Culvert	37°47'56.61"N	120°15'53.44"W
6. Moccasin Low Head Powerhouse	37°49'0.03"N	120°18'44.89"W
7. Rattlesnake Creek	37°48'20.74"N	120°15'57.31"W
8. Moccasin Creek Reservoir	37°48'40.39"N	120°18'21.32"W
9. Leithold Water Line	37°48'29.92"N	120°17'57.71"W
10. Maintenance Yard Diversion Pipe	37°48'30.60"N	120°17'55.16"W
11. Gate Tower 3	37°48'40.88"N	120°18'18.67"W
12. Staging Area	37°48'38.49"N	120°18'9.82"W

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

V. 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, Fifth Edition, May 2018. The Basin 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.

VI. Description of Direct Impacts to Waters of the State

Project impacts will occur at multiple locations. Individual impact location descriptions are provided below.

1. Moccasin Creek Diversion Dam: Activities include demolishing and replacing the concrete diversion dam structures and intake screens.
2. Moccasin Creek/Toe of Dam: Activities include removal of storm-deposited sediment from the base of the main spillway, and placing rip rap to repair areas eroded by storm flows. Approximately 20 cubic yards of 24-inch-diameter rip rap will be placed to the west and approximately 110 cubic yards of 24-inch-diameter rip rap will be placed to the east of the creek diversion outlet, and additional 700 cubic yards of rip rap will be placed downstream of the dam spillway.
3. Moccasin Dam Auxiliary Spillway: Activities include placement of steel rock-filled gabion baskets and rip rap at the auxiliary spillway and the bank above the east side of Moccasin Creek, and inspection, repair, and reburial of the exposed penstock.
4. Moccasin Creek Fish Hatchery Berm: Activities include excavating the damaged earthen berm and reconstructing the berm with geotextile retained soil backfill.
5. Priest Reservoir Access Road Culvert: Activities include excavating the existing twin 160-foot-long 24-inch-diameter concrete culverts and replacing with a 160-foot-long 60-inch-diameter corrugated metal pipe culvert or 5-foot by 6-foot precast box culvert, and placing approximately 4 cubic yards of rip rap at the culvert outlet.
6. Moccasin Low Head Powerhouse: Activities include removing approximately 200 cubic yards of storm-deposited debris and sediment from the tailrace basin at the Low Head Power House and up to 50 feet downstream.
7. Rattlesnake Creek: Activities include removing approximately 450 cubic yards of storm-deposited debris and sediment from the creek diversion dam, debris screen, and the 760-foot long, 6-foot-diameter creek diversion culvert.
8. Moccasin Creek Reservoir: Activities include removing approximately 300 cubic yards of storm-deposited debris and sediment from the 2,900-foot long, 10-foot-diameter creek diversion pipe, removing approximately 200 cubic yards of storm-deposited debris from the reservoir, installing a debris boom upstream of the diversion dam, and installing a debris deflector and 3 debris booms within the reservoir.
9. Leithold Water Line: Activities include installing a 400-foot long 3-inch-diameter raw water pipeline within a 3-foot deep trench across the reservoir.
10. Moccasin Maintenance Yard Storm Water Diversion Pipe: Activities include the replacement of a destroyed 100-foot long 4-inch-diameter storm drain line. The drain line will be suspended over a narrow portion of the reservoir by steel cable and connected to the Moccasin Creek Diversion Pipeline.
11. Gate Tower 3: Activities include installing an additional 200 feet of footbridge to extend direct access to Gate 3 from the top of the dam. Additionally, the operation of Gate 3 will be automated.
12. Staging Area: Areas within the reservoir will be used for staging equipment.

No dewatering will occur within the Project area. Wet concrete will be placed into lake or stream channel habitat when the work area is naturally dry.

Total Project fill/excavation quantities for all impacts are summarized in Table 4. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

Table 4: Total Project Fill/Excavation Quantity									
Aquatic Resource Type	Temporary Impact¹			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition		
	Acres	CY ²	LF ²	Acres	CY	LF	Acres	CY	LF
Lake	0.885	-	-	0.0324	-	-	-	-	-
Stream Channel	0.195	-	170	0.851	-	2,105	-	-	-

VII. Description of Indirect Impacts to Waters of the State – NOT APPLICABLE

VIII. Avoidance and Minimization

According to the Permittee, the following measures will be in place during construction activities to avoid, reduce, and minimize impacts to waters of the state:

- Best management practices will be implemented to protect the aquatic environment during repairs;
- Clean rock will be used for rip rap;
- Equipment will be decontaminated to prevent transmission of noxious and invasive weeds;
- Excess equipment and work activities adjacent to the creek or in the reservoir will be avoided;
- Secondary containment will be available onsite to contain any minor leaks or spills;
- Spill kits will be available onsite (including oil absorbent booms); and
- Equipment will be removed from aquatic areas for refueling/maintenance.

IX. Compensatory Mitigation

No compensatory mitigation is required for permanent impacts because total Project impacts result from response actions and repairs required by a declared emergency.

X. California Environmental Quality Act (CEQA)

The Central Valley Water Board has determined that the Project is exempt from review under the California Environmental Quality Act (CEQA) pursuant to California Code of Regulations, title 14, section 15061, subd. (b). Specifically, the issuance of this Certification is exempt by statute pursuant to Public Resources Code section 21080, subsections (b)(2)-(4). Additionally, the Central Valley Water Board concludes that no California Code of Regulations, title 14, section exceptions to the CEQA exemption apply to the activities approved by this Order. The Central Valley Water Board will file a Notice of Exemption with the State Clearinghouse within five (5) working days from the issuance of this Order. (Cal. Code Regs., tit. 14, § 15062.).

XI. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Resources Control Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

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)

XII. Fees Received

An application fee of \$1,500.00 was received on 23 July 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 G - Emergency Projects authorized by a Water Board General Order (fee code 85) 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 the environment 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 3.

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: centralvalleysacramento@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

- a. Monthly Reporting – Not Applicable**
- b. Annual Reporting – Not Applicable**

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 which includes the corresponding Waste Discharge Identification Number (WDID#) issued under the NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ; NPDES No. CAS000002).
- 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 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 Materials⁴

Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 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 in accordance with section XIV.B.
 - 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 in accordance with section XIV.B.

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.

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 & Saf. Code, § 25501.)

C. Water Quality Monitoring

1. **General:** Continuous visual surface water monitoring shall be conducted during active construction periods to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete). The Permittee shall perform surface water sampling:
 - a. when performing any in-water work;
 - b. during the entire duration of temporary surface water diversions;
 - c. in the event that the Project activities result in any materials reaching surface waters; or
 - d. when any activities result in the creation of a visible plume in surface waters.
2. **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.
3. **In-Water Work or Diversions:** During planned in-water work or during the entire duration of temporary water diversions, any discharge(s) to waters of the state shall conform to the following water quality standards:
 - 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. The pH shall not be depressed below 6.5 nor raised above 8.5.
 - c. 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 NTU;
 - 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;
 - V. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

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 permission of the Central Valley Water Board Executive Officer.

Sampling during in-water work or during the entire duration of temporary water diversions shall be conducted in accordance with Table 5 sampling parameters.⁵ The sampling requirements in Table 5 shall be conducted in the lake outside the influence of the Project to obtain a representative sample and within the in-water work area, discharge area, or within the visible plume to characterize the discharge to the lake.

The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff. An In-Water Work and Diversions Water Quality Monitoring Report, as described in Attachment D, shall be submitted within two weeks on initiation of in-water construction, and the remaining In-Water Work and Diversions Water Quality Monitoring Reports shall be submitted with the Request for Notice of Completion of Discharges letter. In reporting the data, the Permittee 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 Order 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 in XIV.C.3.c.

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.

Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
Visible construction related pollutants ⁶	Observation	Visual Inspections	Continuous throughout the construction period
pH ⁷	Standard Units	Grab	Every 4 hours
Turbidity	NTU	Grab	Every 4 hours

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 (Wat. Code, § 13000 et seq.)

⁵ 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. Grab samples shall be taken between the surface and mid-depth and not be collected at the same time each day to get a complete representation of variations in the receiving water. A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-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 shall be maintained onsite.

⁶ Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.

⁷ Sampling to be conducted if uncured concrete comes into contact with surface water.

or federal Clean Water Act section 303 (33 U.S.C. § 1313). For purposes of Clean Water Act section 401(d), the condition constitutes a limitation necessary to assure compliance with water quality standards and appropriate requirements of state law.

2. This Order is not intended and shall not be construed to apply to 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 subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. 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.
4. 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.

- 6. Construction General Permit Requirement.** The Permittee 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.

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 & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 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.

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. The Permittee 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 be made available to the Central Valley Water Board staff upon request.
- b. 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.
- c. All materials resulting from the Project shall be removed from the site and disposed of properly.
- d. A method of containment shall be used below the bridges and temporary crossings to prevent debris from falling into the waterbody through the entire duration of the Project.

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 XIV.B.3.a and XIV.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 – NOT APPLICABLE**8. In-Water Work**

- a. Work in the lake and streambed shall occur during periods of no precipitation when the work area is naturally dry.

9. Post-Construction Storm Water Management – NOT APPLICABLE**10. Roads – NOT APPLICABLE**

11. 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.

12. Special Status Species – NOT APPLICABLE**13. 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.

14. 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. The Permittee must comply with the Statewide Construction Storm Water Permit, including, but not limited to, preparation and implementation of a Storm Water Pollution Prevention Plan; and
 - ii. 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**

The Permittee shall restore all areas of temporary impacts, including Project site upland areas, which could result in a discharge to waters of the state to pre-construction contours and conditions upon completion of construction activities

K. Compensatory Mitigation for Permanent Impacts⁸– NOT APPLICABLE**L. 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

⁸ Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

have impacts on the environment. 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 environmental 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 such that the Project no longer qualifies for a statutory 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 SFPUC Moccasin Creek Flooding Emergency Work, (WDID#5B55CR00125) 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 Performance), and 307 (Toxic and Pretreatment Effluent Standards).

The Central Valley Water Board will file a Notice of Exemption (NOE) at the SCH within five (5) working days of issuance of this Order. This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Order to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.).

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.

Original Signed By Adam Laputz for:

9-10-2018

Patrick Pulupa
Executive Officer
Central Valley Regional Water Quality Control Board

Date

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

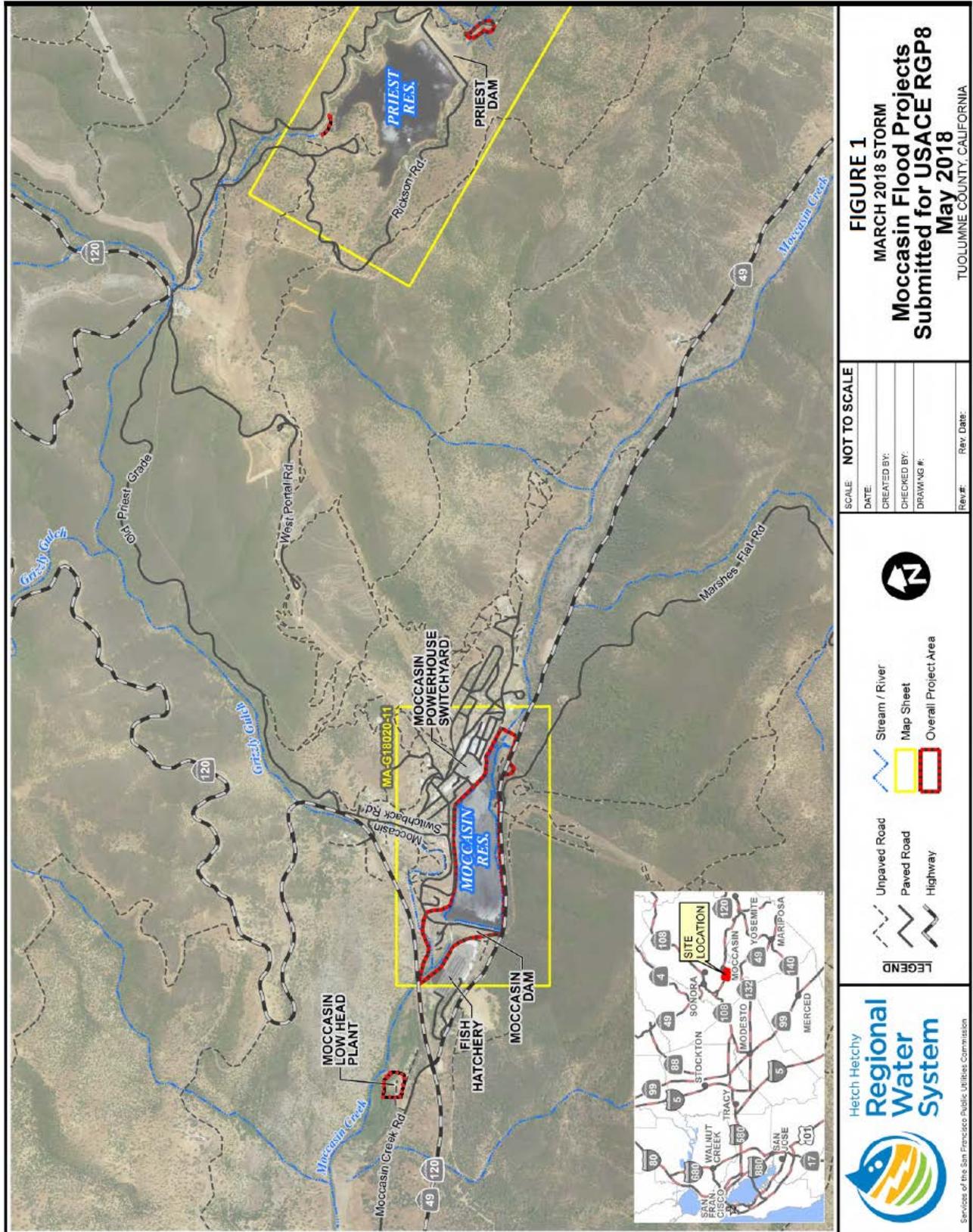


FIGURE 1
MARCH 2018 STORM
Moccasin Flood Projects
Submitted for USACE RGP8
May 2018
 TUOLUMNE COUNTY, CALIFORNIA

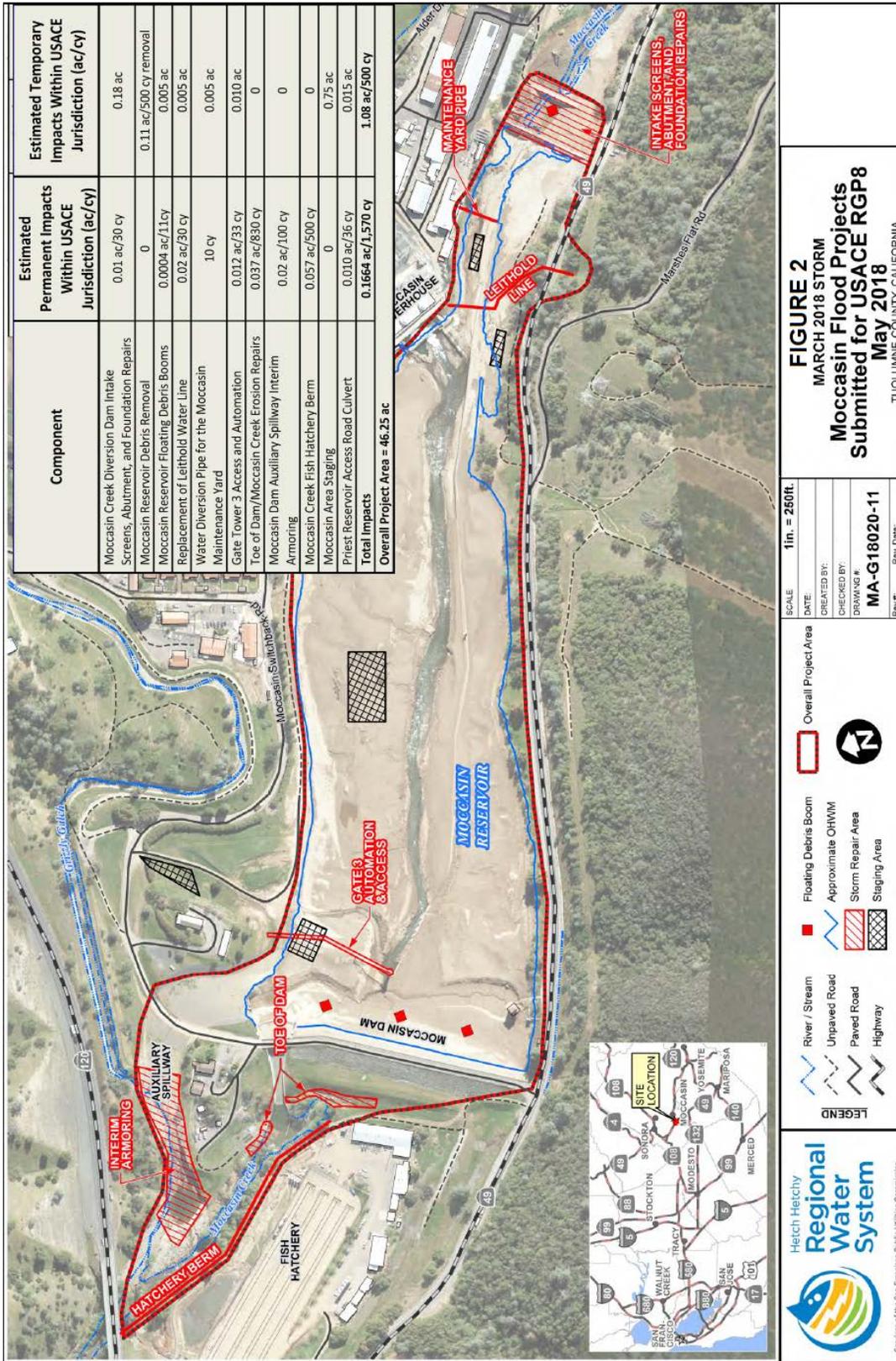
SCALE	NOT TO SCALE
DATE:	
CREATED BY:	
CHECKED BY:	
DRAWING #:	
Rev #:	Rev Date:

Legend:

- Stream / River
- Map Sheet
- Overall Project Area
- Unpaved Road
- Paved Road
- Highway

North Arrow

Hetch Hetchy
Regional Water System
 Services of the San Francisco Public Utilities Commission



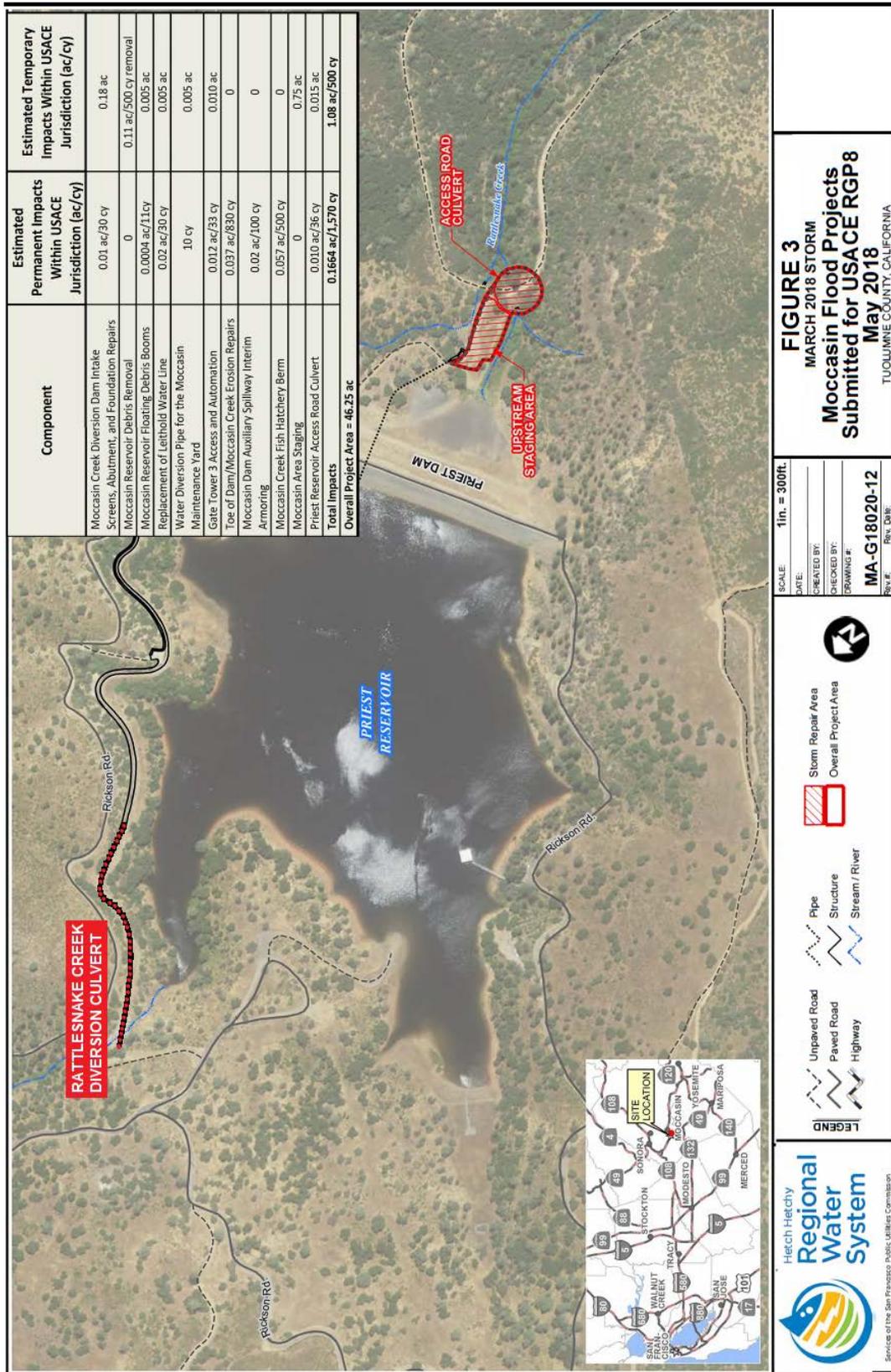


FIGURE 3
MARCH 2018 STORM
Moccasin Flood Projects
Submitted for USACE RGP8
May 2018
TUOLUMNE COUNTY, CALIFORNIA

SCALE: 1in. = 300ft.
DATE: _____
CREATED BY: _____
CHECKED BY: _____
DRAWING #: _____
Rev. # MA-G18020-12
Rev. Date: _____

LEGEND

- Unpaved Road
- Paved Road
- Highway
- Pipe
- Structure
- Stream / River
- Storm Repair Area
- Overall Project Area

Hech Hierarchy
Regional Water System
Service of the San Francisco Public Utilities Commission

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 ⁹
Moccasin Creek Diversion Dam	<i>Unnamed tributary to Don Pedro reservoir</i>	<i>Stream Channel</i>	536.31	<i>Don Pedro Reservoir</i>	<i>MUN, AGR, POW, REC-1, REC-2, WARM, COLD, WILD</i>	N/A	N/A
Toe of Dam							
Dam Auxiliary Spillway							
Fish Hatchery Berm							
Priest Reservoir Access Road Culvert							
Moccasin Low Head Powerhouse							
Rattlesnake Creek		<i>Lake</i>					
Moccasin Creek Reservoir							
Leithold Water Line							
Maintenance Yard Diversion Pipe							
Gate Tower 3							
Staging Area							

⁹ 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
1. Moccasin Creek Diversion Dam	37°48'28.17"N	120°17'53.22"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.18	-	130
					Permanent	-	-	-	0.01	30	130
2. Toe of Dam	37°48'43.35"N	120°18'22.82"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	-	-	-
					Permanent	-	-	-	0.037	830	185
3. Dam Auxiliary Spillway	37°48'47.85"N	120°18'23.18"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	-	-	-
					Permanent	-	-	-	0.02	100	430
4. Fish Hatchery Berm	37°48'47.94"N	120°18'26.62"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	-	-	-
					Permanent	-	-	-	0.057	500	490
5. Priest Reservoir Access Road Culvert	37°47'56.61"N	120°15'53.44"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.015	-	40
					Permanent	-	-	-	0.010	36	40
6. Moccasin Low Head Powerhouse	37°49'0.03"N	120°18'44.89"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	-	-	-
					Permanent	-	-	-	0.097	200	70
7. Rattlesnake Creek	37°48'20.74"N	120°15'57.31"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	-	-	-
					Permanent	-	-	-	0.62	450	760
8. Moccasin Creek Reservoir	37°48'40.39"N	120°18'21.32"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.115	500	-
					Permanent	-	-	-	0.0004	11	-
9. Leithold Water Line	37°48'29.92"N	120°17'57.71"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.005	-	-
					Permanent	-	-	-	0.02	30	-
10. Maintenance Yard Diversion Pipe	37°48'30.60"N	120°17'55.16"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.005	-	-
					Permanent	-	-	-	-	10	-
11. Gate Tower 3	37°48'40.88"N	120°18'18.67"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.01	-	-
					Permanent	-	-	-	0.012	33	-
12. Staging Area	37°48'38.49"N	120°18'9.82"W	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Temporary	-	-	-	0.75	-	-
					Permanent	-	-	-	-	-	-

The Central Valley Water Board has determined that the Project is exempt from review under the California Environmental Quality Act (CEQA) pursuant to California Code of Regulations, title 14, section 15061, subd. (b).

Specifically, the issuance of this Certification is exempt by statute pursuant to Public Resources Code section 21080, subsections (b)(2)-(4).

Additionally, the Central Valley Water Board concludes that no California Code of Regulations, title 14, section exceptions to the CEQA exemption apply to the activities approved by this Order.

The Central Valley Water Board will file a Notice of Exemption with the State Clearinghouse within five (5) working days from the issuance of this Order. (Cal. Code Regs., tit. 14, § 15062.)

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. **(See your Order for specific reports required for your Project)**
 - **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: centralvalleysacramento@waterboards.ca.gov and cc: Nicholas.White@waterboards.ca.gov
 - Include in the subject line of the email:
Subject: ATTN: Nicholas White; Reg. Measure ID: 421833_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:** 10 September 2018.

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 (NAD38) 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:	SFPUC Moccasin Creek Flooding Emergency Work		
Permittee:	San Francisco Public Utilities Commission		
Reg. Meas. ID:	421833	Place ID:	847877
WDID:	5B55CR00125	Construction Storm Water General Permit WDID#:	_____
Order Effective Date:	10 September 2018		
Order Expiration Date:	9 September 2023		

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

"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

¹STATEMENT 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	Monthly Report – NOT APPLICABLE
Report Purpose	-
When to Submit	Not Required
Report Contents	-

Report Type 2	Annual Report – NOT APPLICABLE
Report Purpose	-
When to Submit	Not Required
Report Contents	-

Annual Report Topics (1-3)

Annual Report Topic 1	Construction Summary – NOT APPLICABLE
When to Submit	Not Required
Report Contents	-

Annual Report Topic 2	Mitigation for Temporary Impacts Status – NOT APPLICABLE
When to Submit	Not Required
Report Contents	-

Annual Report Topic 3	Compensatory Mitigation for Permanent Impacts Status – NOT APPLICABLE
When to Submit	Not Required
Report Contents	-

Part B – Project Status Notifications

Report Type 3	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	<ol style="list-style-type: none"> 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.

Report Type 4	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	<ol style="list-style-type: none"> 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. 6. All In-water Work and Diversion Water Quality Monitoring Reports.

Report Type 5	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	<p>Part A: Mitigation for Temporary Impacts</p> <ol style="list-style-type: none">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. <p>Part B: Permittee Responsible Compensatory Mitigation</p> <ol style="list-style-type: none">3. A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.4. Status on the implementation of the long-term maintenance and management plan and funding of endowment.5. Pre- and post-photo documentation of all compensatory mitigation sites.6. Final maps of all compensatory mitigation areas (including buffers). <p>Part C: Post-Construction Storm Water BMPs</p> <ol style="list-style-type: none">7. Date of storm water Notice of Termination(s), if applicable.8. Report status and functionality of all post-construction BMPs.
------------------------	--

Part C – Conditional Notifications and Reports

Report Type 6	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	<ol style="list-style-type: none"> 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 7	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 8	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. If no sampling was required, a monitoring report must be submitted stating, "No sampling was required."
When to Submit	Forty-eight (48) hours 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 XIV.C.3.
Report Contents	As required by the approved water quality monitoring plan or as indicated in XIV.C.3.

Report Type 9	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 10	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	<ol style="list-style-type: none"> 1. A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts: <ol style="list-style-type: none"> 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 BMP¹⁰ 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 11	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.

¹⁰ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

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."

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 L 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. (Cal. Code Regs., tit. 14, §§ 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).