
Central Valley Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date:	12 March 2019	Reg. Meas. ID:	404301
Expiration Date:	12 March 2024	Place ID:	820973
Program Type:	Fill/Excavation	WDID:	5A31CR00430
Project Type:	Residential	USACE No.:	SPK-2006-00802
Project:	Walkup Ranch Project (Project)		
Applicant:	Lake Development-Lincoln, LLC		
Applicant Contact:	Matt Stowe Lake Development-Lincoln, LLC 20241 S.W. Birch Street, Suite 102 Newport Beach, CA 92660 Phone: (949) 221-0060 Email: mstowe@lakedg.com		
Applicant's Agent:	Shannon Karvonen Cardno 2890 Gateway Oaks Drive, Suite 200 Sacramento, CA 95833 Phone: (916) 386-3848 Email: Shannon.karvonen@cardno.com		
Water Board Staff:	Daniel Warner Water Resource Control Engineer 364 Knollcrest Drive, Suite 205 Redding, CA 96002 Phone: (530) 224-4848 Email: Daniel.Warner@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..... 4

VI. Project Impact and Receiving Waters Information 4

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

VIII. Avoidance and Minimization 5

IX. Compensatory Mitigation 6

X. California Environmental Quality Act (CEQA) 6

XI. Petitions for Reconsideration..... 6

XII. Fees Received 6

XIII. Conditions 6

XIV. Water Quality Certification22

- 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 Lake Development-Lincoln, LLC (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 21 December 2015. The application was deemed complete on 20 January 2017.

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 1).

Table 1 Record of Supplemental Application Information	
Date of Request for Supplemental Information	Date all requested information was received.
2 February 2016	22 January 2019
20 January 2017	31 May 2017

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 15 January 2016 to 5 February 2016. The Central Valley Water Board did not receive any comments during the comment period.

III. Project Purpose

Project is to provide approximately 125 acres of residential housing with associated parks, schools, and open space in close proximity to the center of the City of Lincoln.

IV. Project Description

The Project consists of the subdivision of 145 acres into lots for single-family and multi-family home construction and associated transportation and utilities features. The proposed Project includes construction of up to 574 dwelling units at ranges of 3.0 to 7.8 units per acre. Approximately 62± acres are dedicated to Village Low Density Residential (VLDR) uses, with additional 35± acres of Village Medium Density Residential (VMDR), a 7± acre portion of an Elementary School Site (VPF/VPR), 7± acres of Village Park and Recreation (VPR), and 28± acres of Village Open Space (VOS). Other minor land uses include local miniparks, landscape corridors adjacent to local streets and 6± acres of local streets.

The Project area will be altered in several phases over approximately a two-year period. All staging of materials will be done on site.

The proposed Phase 1 Project includes construction of up to 180 dwelling units at an average range of ~5.6 units per acre. Approximately 32± acres are dedicated to Village Low Density Residential (VLDR) and local streets to be developed during this phase. The entire Phase 1 area will be rough graded during this phase, however, the entire phase 1 area may not be built out with the ultimate number of dwelling units until Phase 2. VLDR acreage within Phase 1 that is anticipated to be developed in Phase 2 is quantified in the Phase 2 Project description below.

The proposed Phase 2 Project includes construction of up to 394 dwelling units at ranges of 3.0 to 12.9 units per acre. Approximately 30± acres are dedicated to Village Low Density Residential (VLDR) uses, with additional 35± acres of Village Medium Density Residential (VMDR), a 7± acre portion of an Elementary School Site (VPF/VPR), 7± acres of Village Park

and Recreation (VPR), and 24± acres of Village Open Space (VOS). Other minor land uses may include local miniparks, landscape corridors adjacent to local streets and 6± acres of backbone streets.

V. Project Location

Address: 705 Lincoln Newcastle Highway

County: Placer County

Assessor's Parcel Number: 021-272-017-000

Nearest City: Lincoln

Section 141, Township 12 North, Range 6 East, MDB&M.

Latitude: 38.891° and Longitude: -121.270°

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, Fifth Edition, revised May 2018 (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

Total Project fill/excavation quantities for Phase 1 and Phase 2 for all impacts are summarized in Tables 2 and 3. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Table 2: Total Project Fill/Excavation Quantity Phase 1									
Aquatic Resource Type	Temporary Impact ¹			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	CY ²	LF ²	Acres	CY	LF	Acres	CY	LF
Seasonal Wetlands				1.14	5,518	3,290			
Seasonal Wetland Swales				0.06	295	549			
Drainage Ditch									
Ephemeral Drainage									
Irrigation Canal									
Irrigation Ditch				0.08	368	833			
Pond									

Table 3: Total Project Fill/Excavation Quantity Phase 2									
Aquatic Resource Type	Temporary Impact ¹			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	CY ²	LF ²	Acres	CY	LF	Acres	CY	LF
Seasonal Wetlands				2.13	10,300	3,636			
Seasonal Wetland Swales				1.50	7,241	3,328			
Drainage Ditch				0.13	649	2,390			
Ephemeral Drainage				0.09	411	726			
Irrigation Canal				0.33	1,602	1,195			
Irrigation Ditch				0.10	494	1,049			
Pond	2.40	11,592		1.87	9,051				

VIII. Avoidance and Minimization

- A. Construction will be managed to ensure that the habitats are constructed as designed, and that construction is limited to the areas identified for disturbance.
- B. A Storm Water Pollution Prevention Plan will be prepared and implemented during construction at the Preserve site and will include the following avoidance and minimization measures:
 1. To control erosion during and after construction, erosion control best management practices will be implemented, as needed, including but not limited to:
 - a. Grading during the dry season;

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)

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

- a. **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 and 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 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.

(footnote continued on next page)

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 (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.

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.)

- 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 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. 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. 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 4 sampling parameters.⁵ The sampling requirements in Table 4 shall be conducted upstream out of the influence of the Project, and approximately 300 feet downstream of the work area. In addition, sampling in Table 4 shall be conducted in the pond 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 pond.

The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff. An In-Water Work and Diversion Water Quality Monitoring Report, as described in Attachment D, shall be submitted within two weeks on initiation of in-water construction, and every two weeks thereafter. 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

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.

applicable to the natural turbidity conditions specified in the turbidity criteria in XIII.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
Turbidity	NTU	Grab	Every 4 hours
Visible construction related pollutants ⁶	Observation	Visual Inspections	Continuous throughout the construction period

- 4. 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). 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.

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

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. The Permittee shall adhere to all requirements in the Wetland Mitigation, Monitoring, and Management Plan – Walkup Ranch Project dated 31 January 2019 which is incorporated herein by reference and any additional measures as outlined in Attachment C, CEQA Findings of Fact.
7. **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 & 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**

- a. The Permittee shall develop and maintain on-site a Surface Water Diversion and/or Dewatering Plan(s). The Plan(s) must be developed prior to initiation of any water diversions. The Plan(s) shall include the proposed method and duration of diversion activities and include water quality monitoring conducted, as described in section XIII.C.3, during the entire duration of dewatering and diversion activities. The Plan(s) must be consistent with this Order and must be made available to the Central Valley Water Board staff upon request.
- b. For any temporary dam or other artificial obstruction being constructed, maintained, or placed in operation, sufficient water shall at all times be allowed to pass downstream, to maintain beneficial uses of waters of the state below the dam. Construction, dewatering, and removal of temporary cofferdams shall not violate section XIII.C.3.
- c. The temporary dam or other artificial obstruction shall only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel which will cause little or no siltation. Stream flow shall be temporarily diverted using gravity flow through temporary culverts/pipes or pumped around the work site with the use of hoses.
- d. If water is present, the area must be dewatered prior to start of work.
- e. Dewatering will occur within the Project area.
- f. This Order does not allow permanent water diversion of flow from the receiving water. This Order is invalid if any water is permanently diverted as a part of the project.
- g. The Permittee shall work with the Central Valley Water Board to obtain coverage under an NPDES permit for dewatering activities that result in discharges into surface water or to obtain coverage under Waste Discharge Requirements (WDRs) for dewatering activities that result in discharges to land.

2. Directional Drilling

- a. If installation or relocation of dry and/or wet utility lines is anticipated, the Applicant shall develop and submit a Dry and Wet Utility Work Plan to the Central Valley Water Board Contact indicated in this Certification prior to commencement of dry and wet utility construction. The Dry and Wet Utility Plan must cover all phases of the certified project that will impact waters of the United States and waters of the state and shall be consistent with this Certification.

The Dry and Wet Utility Plan shall include the types of dry and wet utilities to be removed and installed, method and duration of activities, structure configuration, construction materials, equipment, erosion and sediment controls, and a map or drawing indicating the location(s) of dry and wet utility work, as related to any water of the United States and waters of the state, in the Project area.

Should the methodology for dry and wet utility work include directional drilling, the Dry and Wet Utility Plan shall incorporate a Directional Drilling Plan to address potential frac-outs. The Directional Drilling Plan shall include, but not be limited to, a description of directional drilling activities, dry and wet utility routes, crossing locations and methods, and other geotechnical considerations (i.e., surficial

overburden deposits, clays and shales, bedrock formations, hydrogeology), and a reporting procedure should any level of discharge from a frac-out occur, regardless of the discharge size.

The Directional Drilling Plan must be stamped by a California Registered Geologist or Engineer.

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.

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

- a. 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 spreading of noxious weeds.

8. In-Water Work

- a. In-water work shall occur during periods of no precipitation.

9. Post-Construction Storm Water Management

- a. The Permittee must minimize the short and long-term impacts on receiving water quality from the Project by implementing the following post-construction storm water management practices and as required by local agency permitting the Project, as appropriate:
 - i. Minimize the amount of impervious surface;
 - ii. Provide treatment BMPs to reduce pollutants in runoff;
 - iii. Ensure existing waters of the state (e.g., wetlands, vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
 - iv. Preserve and where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
 - v. Limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
 - vi. Use existing drainage master plans or studies to ensure incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff;
 - vii. Identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss; and
 - viii. Control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.
- b. The Permittee shall ensure that all development within the Project provides verification of maintenance provisions for post-construction structural and treatment control BMPs as required by the local agency permitting the Project. Verification shall include one or more of the following, as applicable:
 - i. The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; or
 - ii. Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; or
 - iii. Written text in Project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control BMPs; or
 - iv. Any other legally enforceable agreement that assigns responsibility for storm water BMPs maintenance.

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

- a. No Federally-threatened, Federally-endangered, or California Department of Fish and Wildlife species listed as rare, threatened, or endangered are listed at the site in the Section 401 Water Quality Certification application.

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 Storm Water Pollution Prevention Plan must be prepared during the Project planning and design phases and implemented, as appropriate, before construction; 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**

1. 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.
2. If restoration of temporary impacts to waters of the state is not completed within 90 days of the impacts, compensatory mitigation may be required to offset temporal loss of waters of the state.

Table 5: Required Project Mitigation Quantity for Temporary Impacts								
Aquatic Resource Type	Mit. Type ⁷	Units	Method ⁸					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Lake/Pond	PR	Acres	2.40					

K. Compensatory Mitigation for Permanent Impacts⁹

1. Final Compensatory Mitigation Plan

The Permittee shall provide compensatory mitigation for impacts to waters of the United States and waters of the state in accordance with Wetland Mitigation, Monitoring, and Management Plan – Walkup Ranch Project dated 11 March 2019 and incorporated herein by reference. Any deviations from, or revisions to, the Wetland Mitigation, Monitoring, and Management Plan – Walkup Ranch Project must be pre-approved by Central Valley Water Board staff. The monitoring period shall continue until the Central Valley Water Board staff determines that performance standards have been met. This may require the monitoring period to be extended.

2. Compensatory Mitigation Performance Bond

Pursuant to the United States Army Corps of Engineers (USACE) and the Wetland Mitigation, Monitoring, and Management Plan – Walkup Ranch Project dated 11 March 2019 for the Project, prior to impacting waters, the Permittee shall post a performance bond issued by a Surety licensed to do business in the State of California, in favor of the USACE, Sacramento District, in the amount of \$450,000.00 for the cost of pond construction and long-term maintenance of the pond for the period required under the Wetland Mitigation, Monitoring, and Management Plan – Walkup Ranch Project. A copy of this performance bond shall be provided to the Central Valley Regional Water Quality Control Board staff prior to the initiation of any construction activities in waters of the United States and waters of the state. The USACE shall be authorized to call the performance bond if the USACE determines, in its sole discretion, that the permittee has failed to meet its mitigation obligations. The bond shall remain in place until the Permittee has completed its required compensatory mitigation and achieved all applicable performance standards to the reasonable satisfaction of the USACE.

3. Permittee-Responsible Compensatory Mitigation Responsibility

- a. The Permittee is responsible for the required compensatory mitigation in perpetuity. However, the Permittee may transfer the compensatory mitigation

⁷ Mitigation type for onsite restoration of temporary impacts is Permittee Responsible (PR).

⁸ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

⁹ Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

requirements associated with long-term management when the following conditions have been met:

- i. Performance standards are met.
 - ii. A Transfer Agreement to a third party has been approved by Central Valley Water Board staff.
 - iii. An endowment fund has been provided by the Permittee to a third party for management in perpetuity of the mitigation site.
 - iv. A conservation easement, deed restriction, or other appropriate restrictive covenant for the mitigation site has been recorded and approved by Central Valley Water Board staff.
- b. Transfer of Long-Term Permittee-Responsible Compensatory Mitigation and Management Responsibility**
- i. A transfer agreement shall be submitted from an authorized representative of the new party (transferee) for acceptance by Central Valley Water Board staff. This agreement shall demonstrate acceptance and understanding of the responsibility to comply with and fully satisfy the required compensatory mitigation and long-term management conditions. Failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the Central Valley Water Board under Water Code section 13385, subdivision (a).
 - ii. Notification of transfer of responsibilities meeting the above condition must be provided to the Central Valley Water Board staff. A draft transfer agreement is due to Central Valley Water Board staff no less than thirty (30) days prior to the transfer of the mitigation responsibility. A final transfer agreement is due to Central Valley Water Board staff within 30 days of the completion of the transfer.

4. Purchase of Mitigation Credits by Permittee for Compensatory Mitigation

- a. A copy of the fully executed agreement for the purchase of mitigation credits shall be provided to the Central Valley Water Board prior to initiation of in water work.
- b. The Permittee shall retain responsibility for providing the compensatory mitigation and long-term management until Central Valley Water Board staff has received documentation of the credit purchase and the transfer agreement between the Permittee and the seller of credits.

5. Total Required Compensatory Mitigation

a. Total Required Compensatory Mitigation for Phase 1.

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.08 acre of irrigation ditch by purchasing 0.08 acre riparian wetland credits from the River Ranch Mitigation Bank.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 1.14 acres of seasonal wetlands by purchasing 1.14 acres of seasonal wetland credits from Toad Hill Mitigation Bank.

- iii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.06 acre of seasonal wetland swales by purchasing 0.06 acre of seasonal wetland credits from Toad Hill Mitigation Bank.
- iv. Phase 1 required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 6.

Table 6: Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area to Phase 1								
Aquatic Resource Type	Comp Mit. Type ¹⁰	Units	Method ¹¹					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Riparian Wetland	MB	Acre	0.08					
Seasonal Wetland	MB	Acre	1.20					

b. Total Required Compensatory Mitigation for Phase 2.

- i. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.09 acre of ephemeral drainage by purchasing 0.09 acre riparian wetland credits from the River Ranch Mitigation Bank.
- ii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.13 acre of drainage ditch by purchasing 0.13 acre riparian wetland credits from the River Ranch Mitigation Bank.
- iii. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.33 acre of irrigation canal by purchasing 0.33 acre of riparian wetland credits from River Ranch Mitigation Bank.
- iv. The Permittee is required to provide compensatory mitigation for the authorized impact to 0.10 acre of irrigation ditch by purchasing 0.10 acre of riparian wetland credits from River Ranch Mitigation Bank.
- v. The Permittee is required to provide compensatory mitigation for the authorized impact to 2.13 acres of seasonal wetland by purchasing 2.13 acres of seasonal wetland credits from Toad Hill Mitigation Bank.
- vi. The Permittee is required to provide compensatory mitigation for the authorized impact to 1.50 acres of seasonal wetland swales by purchasing 1.50 acres of seasonal wetland credits from Toad Hill Mitigation Bank.
- vii. The Permittee is required to provide compensatory mitigation for the authorized impact to 4.27 acres of Ponds by purchasing 1.16 acre of fresh water marsh complex credits from River Ranch Mitigation Bank (if credits become available at Antonio Mountain Ranch Mitigation Bank, then 0.44 acre of marsh wetland

¹⁰ Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

¹¹ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

credits shall be purchased). In addition, the permittee is responsible for constructing 2.40 acres of onsite ponds as summarized in Table 5.

- viii. Phase 2 required Project compensatory mitigation information for permanent physical loss of area is summarized in Table 7.

Table 7: Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area to Phase 2 ¹⁰								
Aquatic Resource Type	Comp Mit. Type ¹²	Units	Method ¹³					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Riparian Wetland	MB	Acres	0.65					
Seasonal Wetland	MB	Acres	3.63					
Fresh Water Marsh	MB	Acres	1.16 ¹⁴					

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 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 impacts are not addressed in the Project's environmental document or the conditions of this Order. In this case a supplemental environmental review and different Order will be required.

¹² Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

¹³ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

¹⁴ If credits become available at Antonio Mountain Ranch Mitigation Bank, then 0.44 acre of marsh wetland credits shall be purchased (Rehabilitation Credits).

XIV. Water Quality Certification

I hereby issue the Order for the Walkup Ranch Project, WDID No. 5A31CR00430 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). 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 (Water Code, section 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.



Patrick Pulupa, Executive Officer
Central Valley Regional Water Quality Control Board

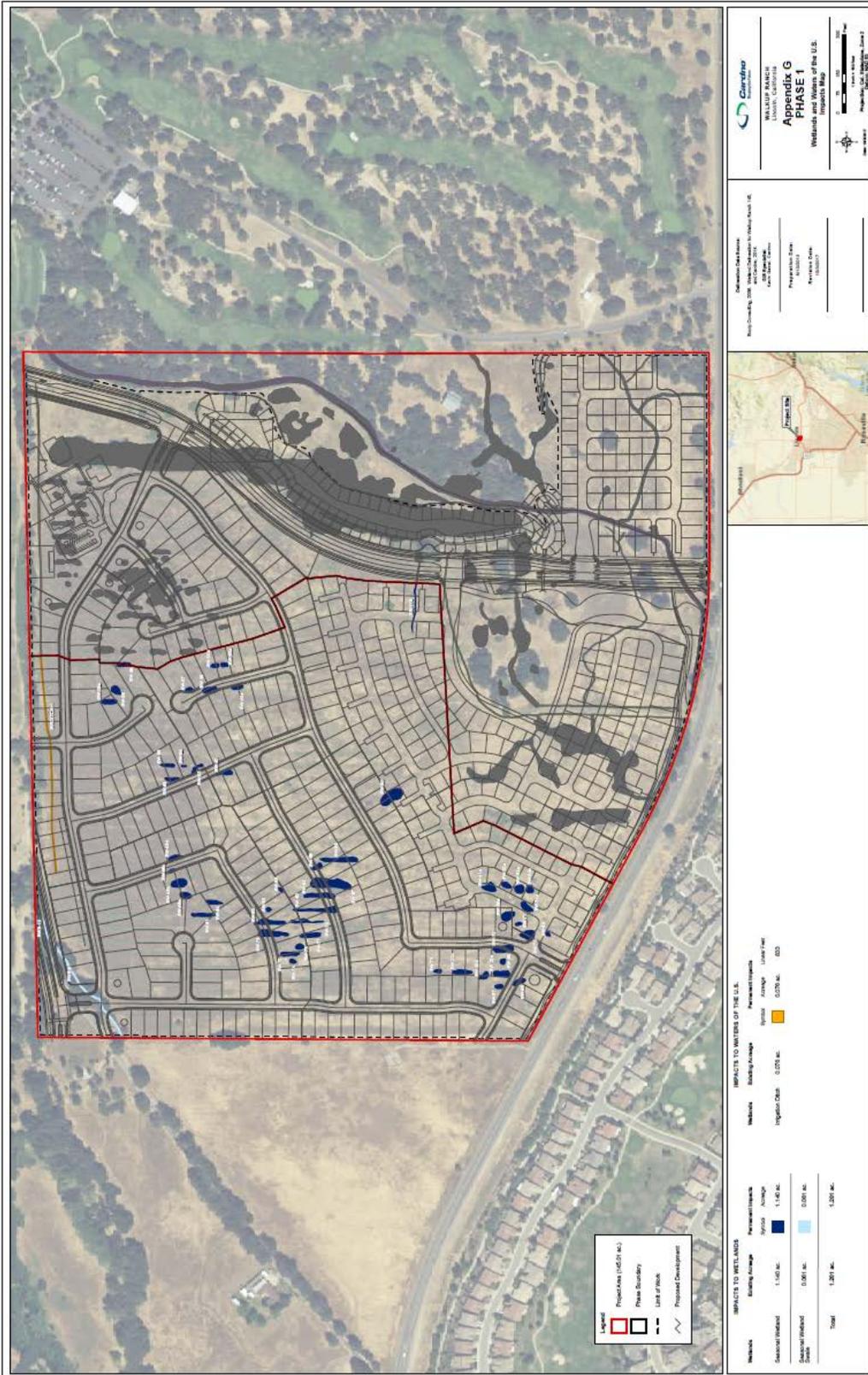
Date 3/2/19

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

(This page intentionally left blank)



Phase 1 Impacts



(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 ¹⁵
Seasonal Wetlands	Unnamed Seasonal Wetlands	Wetland	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A
Seasonal Wetland Swales	Unnamed Seasonal Wetland Swales	Wetland	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A
Drainage Ditch	Unnamed Drainage Ditch	Stream	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A
Ephemeral Drainage Ditch	Unnamed Ephemeral Drainage Ditch	Stream	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A

¹⁵ California Rapid Assessment Method (CRAM) score of impacted sites provided by the Permittee.

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 ¹⁵
Irrigation Canal	Nevada Irrigation District Irrigation Canal	Stream	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A
Irrigation Ditch	Nevada Irrigation District Irrigation Canal	Stream	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A
Pond	Unnamed Pond	Lake/Reservoir	519.22	Sacramento River	MUN, AGR, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, NAV	N/A	N/A

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
Seasonal Wetlands	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				3.27	15,818	6,926
Seasonal Wetland Swale	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				1.56	7,536	3877
Drainage Ditch	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.13	649	2,390
Ephemeral Drainage	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.09	411	726
Irrigation Canal	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.33	1,602	1,195
Irrigation Ditch	38.891	-121.270	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.18	862	1,882
Pond	38.891	-121.270	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary				2.40	11,592	
					Permanent				1.87	9,051	

Compensatory Mitigation Information

The following table(s) show individual compensatory mitigation information and locations.

Permittee Responsible Compensatory Mitigation Site Information

Table 3: Onsite Permittee Responsible Compensatory Mitigation¹⁶					
Site ID	Lat.	Long.	Aquatic Resource Type	Mitigation Quantity	
				Acres	Linear Feet
Pond	38.889	-121.268		2.40	

Mitigation Bank Compensatory Mitigation Site Information

Table 4: Mitigation Bank				
Mitigation Bank	Name:	Toad Hill Mitigation Bank		
	Website:	https://www.wildlandsinc.com/banks/toad-hill-ranch-mitigation-bank-wet/		
Contact Information	Name:	Julie Maddox		
	Phone:	(916) 435-3555		
	Email:	jmaddox@heronpacific.com		
Mitigation Location	County:	Placer County		
	Latitude:	38.831		
	Longitude:	-121.419		
Aquatic Resource Credit Type		Mitigation Quantity		
		Acres	Linear Feet	Number of Credits Purchased
Seasonal Wetlands		4.83		Not Yet Purchased

¹⁶ Mitigation site is Identified in the Wetland Mitigation, Monitoring, and Management Plan for the Walkup Ranch Project., Section 3 – Compensatory Pond Mitigation Site.

Mitigation Bank Compensatory Mitigation Site Information

Table 5: Mitigation Bank				
Mitigation Bank	Name:	River Ranch Mitigation Bank		
	Website:	https://www.wildlandsinc.com/banks/river-ranch-wetland-mitigation/		
Contact Information	Name:	Julie Maddox		
	Phone:	(916) 435-3555		
	Email:	jmaddox@heronpacific.com		
Mitigation Location	County:	Yolo County		
	Latitude:	38.733		
	Longitude:	-121.618		
Aquatic Resource Credit Type		Mitigation Quantity		
		Acres	Linear Feet	Number of Credits Purchased
Fresh Water Marsh Complex		1.16		Not Yet Purchased
Riparian Wetland		0.73		Not Yet Purchased

Mitigation Bank Compensatory Mitigation Site Information

Table 6: Mitigation Bank				
Mitigation Bank	Name:	Antonio Mountain Ranch Mitigation Bank		
	Website:	https://wra-ca.com/antonio-mountain-ranch-mitigation-bank-approved/		
Contact Information	Name:	Ron Bertolina		
	Phone:	(916) 383-3555		
	Email:	Ronnie874@aol.com		
Mitigation Location	County:	Placer County		
	Latitude:	38.848		
	Longitude:	-121.338		
Aquatic Resource Credit Type		Mitigation Quantity		
		Acres	Linear Feet	Number of Credits Purchased
Marsh Wetlands		0.44		Not Yet Purchased

(This page intentionally left blank)

A. Environmental Review

On 11 December 2012, the City of Lincoln, as lead agency, certified a Final Environmental Impact Report (FEIR)) (State Clearinghouse (SCH) No. 2010102018) for the Project and filed a Notice of Determination (NOD) at the SCH on 14 December 2012. The Central Valley Water Board is a responsible agency under CEQA (Public Resources Code, section 21069) and in making its determinations and findings, must presume that the City of Lincoln's certified environmental document comports with the requirements of CEQA and is valid. (Public Resources Code, section 21167.3). The Central Valley Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by the City of Lincoln addresses the Project's water resource impacts. (California Code of Regulations, Title 14, section 15096, subd. (f).) The environmental document includes mitigation measures that have been adopted for the Project to reduce potential significant impacts. (Public Resources Code, section 21081.6, subd. (a)(1); California Code of Regulations, Title 14, section 15091, subd. (d).)

B. Incorporation by Reference

Pursuant to CEQA, these Findings of Facts (Findings) support the issuance of this Order based on the Project FEIR (Village 1 Final Environmental Impact Report, FEIR), the application for this Order, and other supplemental documentation.

The Village 1 Draft Environmental Impact Report (DEIR), which includes analyses of broad impacts and serves as a first tier document for the FEIR, is available at:

<http://www.lincolncalifornia.gov/city-hall/departments-divisions/community-development/planning/environmental-documents>

All CEQA project impacts, including those discussed in subsection C below, are analyzed in detail in the Project FEIR which is incorporated herein by reference. The Project FEIR is available at: <http://www.lincolncalifornia.gov/city-hall/departments-divisions/community-development/planning/environmental-documents>

Requirements under the purview of the Central Valley Water Board in the MMRP are incorporated herein by reference.

The Permittee's application for this Order, including all supplemental information provided, is incorporated herein by reference.

C. Findings

The FEIR describes the potential significant environmental effects to water resources. Having considered the whole of the record, including comments received during the public review process, the Central Valley Water Board makes the following findings:

- (1) Findings regarding impacts that will be mitigated to a less than significant level. (Public Resources Code, section 21081, subd. (a)(1); California Code of Regulations, Title 14, section 15091, subd. (a)(1).)

Changes or alterations have been required in, or incorporated into, the Project which avoid or substantially lessen the significant environmental effect as identified in the FEIR.

a.i. Potential Significant Impact:

- 4.8-1. The proposed project would increase the amount of impervious surfaces and alter drainage patterns, which could increase the potential for localized and downstream flooding.

a.ii. Facts in Support of Finding:

- 4.8-1(b) Project applicants shall provide for peak flow mitigation as defined in Village 1 Specific Plan, City of Lincoln, CA, Drainage Master Plan Table IV.A.4 in order to mitigate potential on-site flooding from increased peak flows associated with development of Phase 1. Prior to issuance of a grading permit, project applicants shall demonstrate that provisions for peak flow mitigation in the preliminary grading plan, as defined in Village 1 Specific Plan, City of Lincoln, CA, Drainage Master Plan Table IV.A.4 A. The City Engineer shall review plans for compliance with the applicable portions of Table IV.A.4, as applicable, prior to issuance of a grading permit. Prior to issuing a building permit for any project in the Village 1 Specific Plan, overbank excavation and stabilization of channels that will receive runoff from the area(s) to be developed have been completed. The City Engineer shall confirm that peak flow mitigation has been constructed in accordance with the approved plans.

b.i. Potential Significant Impact:

- 4.8-2 The proposed project would increase stormwater volumes in Auburn Ravine, Ingram Slough, Orchard Creek, and ultimately the Natomas Cross Canal.

b.ii. Facts in Support of Finding:

- 4.8-2(b) Prior to final map approval, the Applicant shall identify 38.1 acre-feet of storage capacity in the watershed to accommodate increased stormwater runoff volumes associated with Phase 1. Storage capacity may be incorporated into on-site design, obtained at the approved LFVMF, if operational at the time of development, or at a location approved by or acceptable to the City.

The Applicant shall be required to cover its fair share of costs associated with construction, operation, and maintenance, of the LFVMF to offset increased stormwater volume generated by the Village 1 Specific Plan. For capital improvements, funding shall be through the City's existing PFE program. Fees for operation and maintenance shall be through an assessment district established during the Final Map processing. Fees shall be paid in conjunction with issuance of building permits.

If, at the time the final map is submitted for approval, the regional facilities are not available or operational, or if additional capacity is required, the Applicant shall incorporate in to the final design sufficient on-site storage capacity, or a combination of on-site and off-site capacity, to fully mitigate the 38.1 acre-feet.

If off-site facilities are used, the Applicant shall be required to cover its fair share of costs associated with construction, operation, maintenance, and management of the regional retention facilities to offset increased

stormwater volume generated by Phase 1. Assuming the regional facility has been constructed, Applicant shall pay the appropriate fees.

c.i. Potential Significant Impact:

- 4.8-4 The proposed project would increase the types and amounts of pollutants in stormwater runoff that could be discharged to Ingram Slough and its tributaries and Auburn Ravine, which could degrade water quality.

c.ii. Facts in Support of Finding:

- 4.8-4 Low Impact Development BMPs. Project Conditions of Approval shall specify that appropriate Best Management Practices (BMPs) be incorporated into project design prior to approval of final grading/improvement plan(s) to reduce urban pollutants in runoff, consistent with goals and standards established under federal and State non-point source discharge NPDES regulations and Basin Plan water quality objectives, the City's Post-Construction Stormwater Runoff Control Ordinance No. 826B, and Low-Impact Development (LID) alternatives for stormwater quality control per Public Facilities and Services Implementation Measure 3.0 of the adopted 2050 General Plan.

The proposed water quality facilities shall be identified and designed in a Water Quality Management Plan prepared in accordance with Section 8.60.40 of the City's Municipal Code for City review and approval. All water quality facilities identified in the Water Quality Management Plan shall be constructed with the installation of the infrastructure.

The Water Quality Management Plan shall include a description of all non-structural BMPs and include Covenants, Codes, and Restrictions (CC&Rs), or similar regulatory mechanism, to enforce implementation of non-structural BMPs. Non-structural BMPs shall include, but not be limited to, "good housekeeping" practices for materials storage and waste management, storm drain system stenciling, landscape chemical use guidelines, and street sweeping.

The Water Quality Management Plan shall also include the method or methods for funding the long-term maintenance of the proposed water quality facilities. The City shall formally adopt and implement a funding mechanism specifically to fund the long-term maintenance of the proposed water quality facilities as proposed by the Stormwater Management Plan.

The project Applicant shall submit a site-specific BMP plan showing the on-site locations and effectiveness of the BMP facilities proposed for long-term water quality impact reduction prior to project approval. The plan shall include a method or methods for financing the long-term maintenance of the proposed site-specific facilities.

All BMPs for water quality protection, source control, and treatment control shall be developed in accordance with the Stormwater Quality Design Manual for the Sacramento and South Placer Regions (or other similar source approved by the City) for the project. The BMPs shall be designed to mitigate (minimize, infiltrate, filter, or treat) stormwater runoff. Flow or volume based post-construction BMPs shall be designed at a minimum in accordance with the PCFCWCD and City standards and shall be included

for long-term maintenance of BMPs. All BMPs shall reflect the Best Available Technologies (BAT) available at the time of implementation and shall reflect site-specific limitations. The City shall make the final determinations as to the appropriateness of the BMPs proposed for the proposed project and the City shall ensure future implementation, operation, and maintenance of the BMPs.

To comply with the requirements of the Placer County Mosquito and Vector Control District, all BMPs shall be designed to discharge all waters within 96 hours of the completion of runoff from a storm event. All graded areas must drain so that no standing water can accumulate for more than 96 hours within water quality facilities.

Stormwater runoff from the proposed project's impervious surfaces (including roads) shall be collected and routed through specially designed water quality treatment facilities (BMPs) for removal of pollutants of concern (i.e. sediment, oil/grease, etc.), as approved by the City. The Applicant shall verify that proposed BMPs are appropriate to treat the pollutants of concern from the proposed project and shall provide for the establishment of vegetation, where specified, by means of proper irrigation, for effective performance of BMPs. Maintenance of these facilities shall be provided by the City. Prior to project approval or Final Map approval, easements shall be created and offered for dedication to the City for maintenance and access to these facilities in anticipation of possible City maintenance. No water quality facility construction shall be permitted within any identified wetlands area, floodplain, or right-of-way, except as authorized by project approvals.

- (2) Findings regarding mitigation measures which are the responsibility of another agency. (Public Resources Code, section 21081, subd. (a)(2); California Code of Regulations, Title 14, section 15091, subd.(a)(2).)

There are changes or alterations that are within the responsibility and jurisdiction of another public agency and not the jurisdiction of the Central Valley Water Board. Such changes have been adopted by such other agency or can and should be adopted by such other agency.

D. Determination

The Central Valley Water Board has determined that the Project, when implemented in accordance with the MMRP and the conditions in this Order, will not result in any significant adverse water quality or supply impacts. (California Code of Regulations, Title 14, section 15096, subd. (h).)

(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. https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/401_wqcerts/
2. Find your Order based on the County, Permittee, WDID No., and/or Project Name.

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: Daniel.Warner@waterboards.ca.gov
 - Include in the subject line of the email:
Subject: ATTN: Daniel Warner; Reg. Measure ID: 404301_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:	Walkup Ranch Project		
Permittee:	Lake Development-Lincoln, LLC		
Reg. Meas. ID:	404301	Place ID:	820973
Order Effective Date:	12 March 2019		
Order Expiration Date:	12 March 2024		

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	Notifies Central Valley Water Board staff of the Project status and environmental compliance activities on a monthly basis.
When to Submit	On the 1st day of each month until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	<ol style="list-style-type: none"> 1. Construction Summary Describe 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 (BMPs¹⁷). If construction has not started, provide estimated start date. 2. Event Summary Describe distinct Project activities and occurrences, including environmental monitoring, surveys, and inspections. 3. Photo Summary Provide photos of Project activities. For each photo, include a unique site 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. 4. Compliance Summary <ol style="list-style-type: none"> a) List name and organization of environmental surveyors, monitors, and inspectors involved with monitoring environmental compliance for the reporting period. b) List associated monitoring reports for the reporting period. c) Summarize observed incidences of non-compliance, compliance issues, minor problems, or occurrences. d) Describe each observed incidence in detail. List monitor name and organization, date, location, type of incident, corrective action taken (if any), status, and resolution.

¹⁷ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

Report Type 2	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 March. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	<p>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.</p> <p><u>During the Active Discharge Period</u></p> <ul style="list-style-type: none"> • Topic 1: Construction Summary • Topic 2: Mitigation for Temporary Impacts Status • Topic 3: Compensatory Mitigation for Permanent Impacts Status <p><u>During the Post-Discharge Monitoring Period</u></p> <ul style="list-style-type: none"> • 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	<ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	<p>*If not applicable report N/A.</p> <p>Part A. Permittee Responsible</p> <ol style="list-style-type: none">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. <p>Part B. Mitigation Bank or In-Lieu Fee</p> <ol style="list-style-type: none">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 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.

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">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). <p>Part C: Post-Construction Storm Water BMPs</p> <ol style="list-style-type: none">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 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.
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 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 BMP¹⁸ 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.

¹⁸ 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 XIII.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;
 - 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 verification from the CEQA Lead Agency that the proposed changes or modifications do not trigger the need for a subsequent environmental document, an addendum to the environmental document, or a supplemental EIR. (Cal. Code Regs., tit. 14, §§ 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).