
Los Angeles Regional Water Quality Control Board

TENTATIVE WATER QUALITY **ORDER NO. R4-XXXX-XXXX** WASTE DISCHARGE REQUIREMENTS

Effective Date: **Date Signed**

Program Type: Fill and Excavation

Project Type: Channel Construction and Maintenance

Project: Nature Discovery Garden and Lake Improvements Project

Applicant: Descanso Gardens

Applicant Contact: Juliann Rooke
Chief Executive Officer
Descanso Gardens
1418 Descanso Drive
La Canada Flintridge, CA 91011
Phone: [818] 952-8887
Email: jrooke@descansogardens.org

Applicant's Agent: David Hughes, Psomas
150 S. Arroyo Parkway, Suite 102
Pasadena, CA 91105
Phone: [626] 204-6530
Email: david.t.hughes@psomas.com

Water Board Staff: Libby Lee
Engineering Geologist
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
Phone: 213-576-6705
Email: Libby.Lee@waterboards.ca.gov

Regulatory Measure ID: 458857
Place ID: 897097
WDID: 4WQC40124134
R4 File Number: 24-134

Table of Contents

TENTATIVE WATER QUALITY REQUIREMENTS	1
I. Order	3
II. Public Notice	3
III. Project Purpose	3
IV. Project Description	3
V. Project Location	5
VI. Project Impact and Receiving Waters Information	5
VII. Description of Direct Impacts to Waters of the State	6
VIII. Description of Indirect Impacts to Waters of the State	6
IX. Avoidance and Minimization	6
X. Compensatory Mitigation	8
XI. California Environmental Quality Act (CEQA)	8
XII. Human Right to Water Policy	8
XIII. Petitions for Reconsideration	9
XV. Findings	9
XVI. Conditions	10
A. Authorization	10
B. Reporting and Notification Requirements	10
C. Water Quality Monitoring	14
D. Standard Conditions	16
E. Fees Received	16
F. General Compliance	16
H. Best Management Practices	18
I. On-site Mitigation for Temporary Impacts	22
XVII. Conclusion	22

Attachment A Maps**Attachment B** Signatory Requirements**Attachment C** Report and Notification Requirements

I. Order

This Order for Waste Discharge Requirements (Order) is issued at the request of Descanso Gardens (hereinafter Permittee) for the Project. This Order is for the purpose described in application and supplemental information submitted by the Permittee. The application was received on October 11, 2024. The application was deemed complete on June 9, 2026.

II. Public Notice

The Water Board complied with its applicable public notice requirements. The Los Angeles Regional Water Quality Control Board (Los Angeles Water Board) provided public notice of the draft order pursuant to Water Code section 13167.5 from September 10, 2026 to October 10, 2026.

III. Project Purpose

The purpose of the Project is to expand and maintain the Northern and Southern Lakes in the Descanso Gardens and create treatment wetland areas bordering the two lakes.

IV. Project Description

Descanso Gardens is an approximate 149-acre public botanical garden located in the City of La Cañada Flintridge. Descanso Gardens is a Los Angeles County-owned Special Use Facility and is jointly operated by the Descanso Gardens Foundation and the County of Los Angeles Department of Parks and Recreation. The Project is needed to address algal bloom issues and replace deteriorating pond liners in existing lakes on the property. In addition, the Project will implement elements of the approved Descanso Gardens Master Plan which was approved by the Los Angeles County Board of Supervisors in 2020. The objectives of the Descanso Gardens Master Plan include creating facility infrastructure that is resilient to climate change, increasing water conservation and storage to reduce reliance on potable water, providing exemplary stewardship of the facility's ecological resources, and facilitating people's relationship with nature. The Project will expand lakes in the northwestern corner of the Descanso Gardens property, replace the deteriorating pond liner, install aeration infrastructure, and create treatment wetland areas along the lake margins that will improve aeration and filtration and reduce the potential for algal blooms.

Work within Waters of the State

The Project site contains two ornamental water features referred to as the Northern and Southern Lakes. These are lined, artificial water features that are connected by a narrow inlet and are approximately 1.41 acres in size.

Recontouring of Northern and Southern Lakes

Project construction consists of dewatering the lakes (ceasing pumping water into the lakes and using any remaining water for irrigation within the Gardens) and creating an access pathway to the lakes from their northern edge.

Within the lakes, surficial grading will remove a 0.09 acre berm that separates the Northern and Southern Lakes. This expansion will deepen the lakes and increase their size from approximately 1.41 acres to 1.50 acres. The Project will also replace the existing pond liners and remove any accumulated sediment on top of the liner, resulting in 1.41 acres of temporary impact. Lastly, the Project includes installing a new pond liner and aeration infrastructure.

Once construction is complete, all areas of temporary impact will be revegetated, and additional wetland habitat will be installed along the lake margins for improved habitat conditions.

Wetland Treatment Areas and Gabion Construction

Project construction will include installation of six biofiltration wetland areas (treatment wetlands) within the margin of the lake to improve aeration and prevent algae development. 0.31 acre of the existing lake will be transformed into wetlands. The biofiltration wetlands will be constructed by installing gabions in the lake to a depth of 20 inches, resulting in 0.04 acre of permanent impact. The gabions will be 24 inches wide, consisting of durable limestone cobble ranging in size from 4-8 inches and wrapped in a gabion mesh with an aluminum-zinc alloy coating for extra durability and lifespan. Behind the gabions, biofiltration media will be set up to create the substrate for aeration and circulation. The biofiltration media will consist of a bottom layer of approximate 2-inch rock (to a depth of approximately 2-4 inches), following by a layer of 1 ½ -inch rock (to a depth of approximately 12 inches), followed by a top layer of 3/8-inch pea gravel (to a depth of approximately 4 inches). Aeration equipment will be placed in the biofiltration media and native wetland planting will be installed in the pea gravel.

Impacts

In total, proposed Project activities will result in temporary impacts to 1.41 acres of waters of the state. Within the 1.41 acres of temporary impact, gabions will result in 0.04 acre of permanent impact. The removal of the berm that currently separates the Northern and Southern Lakes will increase waters of the state by 0.09 acre.

Work outside of Waters of the State

Northern and Southern Lakes

Grading outside of the lake will create four forebays that will prevent sediment from reaching the lakes. The installation of these forebays will occur as part of the expansion of the lakes. Cumulatively, these four forebays will total 0.14 acre and will not result in any impact on waters.

Project activities are expected to require the removal of 26 native trees, consisting of 7 western sycamores, 3 coast live oaks, 11 black willows, and 5 red willows on the 0.09 acre berm.

The Nature Discovery Garden Catch Basins

The Nature Discovery Garden will be constructed in a previously disturbed upland area that is bordered to the west by a hillside dominated by native chaparral shrubs. Two small ephemeral drainages convey water from this hillside area, though water immediately disperses into sheet flow and infiltrates the soil when reaching the Nature Discovery Garden area. Four catch basins (cumulatively measuring 0.12 acres) will be constructed in the disturbed portion of the site to capture water from the drainages and in two additional locations where water would accumulate. Because this construction would occur in the disturbed portion of the site where no identifiable streambed or streambanks occur, no impact to “waters of the state” would occur.

Pedestrian Bridges

Additionally, the Project will replace two pedestrian bridges. Two pedestrian bridges damaged by debris flows will be replaced. Each bridge is less than 40 square feet in size and will be replaced by similarly sized bridges. Construction associated with these free span bridges will not consist of impacts to waters.

V. Project Location

The Project is in a portion of the Descanso Gardens facility located in La Canada Flintridge, California. The Project area includes an approximately 6-acre area that includes 2 artificial man-made lakes connected by a small channel and associated artificial man-made runoff drainages that enter the lake. The Project also includes the adjacent Nature Discovery Garden area. The Project site is generally bounded by Cherry Canyon Trail and Descanso Drive to the north, Encina Drive to the east, and Descanso Motorway to the south and west.

Latitude: 34.201096° and Longitude: -118.213542°

Maps and figures 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 Los Angeles Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the applicable water quality control plan (Basin Plan) for the region and other plans and policies which 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.

Receiving Water: Arroyo Seco (Reach 2)
(Hydrologic Unit Code: 180701050209)

Designated Beneficial Uses: MUN*, WARM, WILD, RARE, REC1, REC2

*Conditional beneficial use

VII. Description of Direct Impacts to Waters of the State

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

Table 1: Total Project Fill/Excavation Quantity for Temporary Impacts¹

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Lake	1.41	800	

Table 2: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Lake	0.04		

VIII. Description of Indirect Impacts to Waters of the State

The Project will not release water off site, as the two Lakes are man-made ornamental ponds. No negative indirect impacts to beneficial uses or water quality are expected.

IX. Avoidance and Minimization

The project qualified as a tier 2- project and the Project is the least environmentally damaging practicable alternative. (State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State, section IV.A.1.h).

Project Objectives

¹ Includes only temporary direct impacts to waters of the state and does not include area of temporary disturbance which could result in a discharge to waters of the state. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

The proposed Project is a component of the Descanso Gardens Master Plan whose objectives include creating facility infrastructure that is resilient to climate change, increasing water conservation and storage to reduce reliance on potable water, providing exemplary stewardship of the facility's ecological resources, and facilitating people's relationship with nature.

Lake Improvement Alternative No. 1 – No Action

The No Action alternative indicates that the proposed Project activities would not be undertaken so that no impacts to "waters of the state" would result. Though this alternative does not result in any impacts to waters, it also would not achieve any of the Project objectives. Under this alternative, the liner under the lakes would continue to deteriorate, reducing the lake functionality for water conservation. Additionally, the quality of the water would continue to decline and would not address the algal blooms that have deoxygenated the water.

Lake Improvement Alternative No. 2 – Reduced Grading

The Reduced Grading alternative would replace the lake liner but would minimize grading by forgoing expansion of the size of the lakes. This alternative would avoid the negative environmental impacts associated with grading which include removal of riparian trees and dust emissions. It would partially achieve the Project objective of improving water conservation and storage by restoring the designed water holding capacity of the lakes but would not increase water storage. Therefore, this alternative would not achieve the objective of reducing reliance on potable water.

Furthermore, reduced grading would not result in installation of wetland habitat that provides bio-filtration so that no improvement to water quality would occur.

Lake Improvement Alternative No. 3 – No Gabion Installation

The proposed Project includes installation of gabions along the lake margins which allows for creation of wetlands in which bio-filtration media and aeration devices will be installed. Gabions are artificial structures but are a necessary part of the Project design to allow for the creation of the wetlands, which will provide for improved water quality of the lakes. Avoiding use of gabions would result in no improvement to water quality.

Lake Improvement Alternative No. 4 – Proposed Project

The Proposed Project consists of grading to replace the existing liner and remove an upland area that separates the northern and southern lakes. Replacing the liner will improve the lake's ability to retain water and prevent seepage. Combining the lakes will increase the amount of water that can be stored, thus increasing the quantity of waters of the state. This will also achieve the Project objectives of reducing reliance on potable water for irrigation and of having resilient infrastructure to withstand changes in climate. Additionally, installing wetlands along the lake margins will improve aeration and

filtration and reduce the potential for algal blooms. The improved habitat conditions will improve opportunities for recreational use. Finally, implementation of the Project will result in the creation of wetland habitat.

Conclusions

The proposed Project for the Lake Improvements components is preferred because it will increase the quantity of waters of the state by combining the northern and southern lakes into a single larger feature with greater water storage capacity. This will meet the Master Plan objective of creating more resilient infrastructure for Descanso Gardens and reducing reliance on potable water for irrigation. In addition, installation of wetlands along the lake margins that contain aeration equipment and bio filtration media will improve water quality and aquatic habitat.

Because the proposed Project is the only Alternative that fully achieves the Project objectives while minimally affecting the Beneficial Uses of this area, it has been determined to be the preferred Alternative.

X. Compensatory Mitigation

No compensatory mitigation is required for permanent impacts because the Project will result in a net increase in waters of the state. Project impacts (installation of rock structures for sediment capture) are offset by the increase of jurisdictional waters related to grading in the Northern and Southern Lake area that will expand the surface area of the lakes and their water holding capacity.

XI. California Environmental Quality Act (CEQA)

The County of Los Angeles Department of Parks and Recreation, as lead agency, adopted an initial study/mitigated negative declaration (IS/MND) (State Clearinghouse (SCH) No. 2020019072] for the Project on January 27, 2020, and filed a Notice of Determination (NOD) at the SCH on October 14, 2020. The Los Angeles Water Board is a responsible agency under CEQA (Pub. Res. Code, § 21069) and has reviewed and considered the environmental document. The Los Angeles Water Board finds that the environmental document prepared by the County of Los Angeles Department of Parks and Recreation adequately addresses all environmental effects for project activities that it is required to approve. The Project will not have significant adverse impacts on the environment, provided that mitigation, including the mitigation presented in the final EIR, is carried out as conditioned in this Order. In adopting this Order, the Los Angeles Water Board has eliminated or substantially lessened the less-than-significant effects on water quality, and therefore approves the Project.

XII. Human Right to Water Policy

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 contaminant levels designed to protect human health and ensure that water is safe for domestic use (Water Code section 106.3).

XIII. Petitions for Reconsideration

Any person aggrieved by this action of the Los Angeles Water Board may petition the State Water Board to review the action in accordance with Water Code section 13320 and title 23, California Code of Regulations, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Note that filing a petition does not stay the requirements of this Order. Copies of the law and regulations applicable to filing petitions will be provided upon request or may be found on the Internet at:

http://www.waterboards.ca.gov/public_notices/petitions/water_quality

XV. Findings

1. This Order is adopted pursuant to the California Porter-Cologne Water Quality Control Act (Water Code § § 13000, et seq.). Discharges to waters of the state are prohibited except when in accordance with Water Code section 13264. Notwithstanding any determinations made by the U.S. Army Corps or other federal agency pursuant to 40 C.F.R. section 121.9, dischargers must comply with the entirety of this Order because the Order also serves as waste discharge requirements in accordance with State Water Board Water Quality General Order No. 2003-0017-DWQ. Discharges to waters of the state are prohibited except when in accordance with Water Code section 13264.
2. This Order also comports with section 401 of the Clean Water Act. In the event that federal definitions of Waters of the United States are amended to incorporate the waters of the state at issue in this Order, this Order may also constitute water quality certification for the proposed project.
3. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13350.
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.
5. In response to a suspected violation of any condition of this Order, the 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.

6. This Order does not provide coverage under the Construction General Permit. As applicable, dischargers shall maintain compliance with conditions described in, and required by, NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 20090009-DWQ; NPDES No. CAS000002 as amended by Order No. 2010-0014-DWQ, Order No. 2012-0006-DWQ, Order WQ 2022-0057-DWQ and any amendments thereto). Enrollment in the Construction General Permit may be required for construction activity resulting in a land disturbance of one acre or more, or less than one acre but part of a larger common plan of development or sale. For ground disturbing activities that do not require enrollment in Order No. 2009-0009-DWQ, project plans included with the application shall include appropriate erosion and sediment control measures as described in the *Best Management Practices* section below.
7. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 1531-1544). If a “take” will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.

XVI. Conditions

The Los Angeles Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Tables 1 and 2.

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 C, 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 C, which must be signed by the Permittee or an authorized representative.

1. Project Reporting

- a. **Annual Reporting:** The Permittee shall submit an Annual Report each year on the anniversary of Project effective date. Annual Reporting requirements are detailed in Attachment C. 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, if applicable, the corresponding Waste Discharge Identification Number (WDID#) issued under the NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order WQ 2022-0057-DWQ; NPDES No. CAS000002).
- b. **Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction or any post-construction monitoring is complete, and no further Project activities will occur. This request shall be submitted to Los Angeles Water Board staff within thirty (30) days following completion of all Project activities and any post-construction monitoring. Upon approval of the request, the Los Angeles 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. Completion of post-construction monitoring shall be determined by Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria.

3. Conditional Notifications and Reports

The following notifications and reports are required as appropriate.

a. Accidental Discharges of Hazardous Materials²

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

² "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

- 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:
 - a. first call – 911 (to notify local response agency)
 - b. then call – Office of Emergency Services (OES) State Warning Center at: (800) 852-7550 or (916) 845-8911
 - c. Lastly, follow the required OES procedures as set forth in the [Office of Emergency Services' Accidental Discharge Notification Web Page](https://www.caloes.ca.gov/office-of-the-director/operations/response-operations/fire-rescue/hazardous-materials/spill-release-reporting/) (<https://www.caloes.ca.gov/office-of-the-director/operations/response-operations/fire-rescue/hazardous-materials/spill-release-reporting/>)
- ii. Following notification to OES, the Permittee shall notify the Los Angeles Water Board, as soon as practicable (ideally within 24 hours). Notification may be via telephone, e-mail, or delivered written notice.
- iii. Within five (5) working days of notification to the Los Angeles 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 Los Angeles Water Board of any event causing a violation of compliance with water quality standards. Notification may be via telephone, e-mail, or delivered written notice.

- i. Examples of noncompliance events include: lack of any reporting in a timely manner, lack of storm water treatment following a rain event, discharges causing a visible plume in a water of the state, water contact with uncured concrete, and exceedances of limits for the analytes for In-Water Work or Diversions listed below.
- ii. 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 or Diversion

- i. If stream diversion will be necessary, the Permittee shall submit to Los Angeles Water Board staff a Stream Diversion Plan, with a diagram and a narrative description of the method to divert the stream and associated BMPs for acceptance, at least 30 days in advance of any stream diversion.

agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Saf. Code, § 25501.)

- ii. During in water work or stream diversion, water quality monitoring shall be conducted. Requirements for water quality monitoring are below.
- iii. The Permittee shall notify the Los Angeles Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be via telephone, e-mail, or delivered written notice.
- iv. 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 Los Angeles Water Board staff.

d. Modifications to Project

Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Los Angeles 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 Los Angeles Water Board staff of any Project modifications that will interfere with the Permittee's compliance with 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 receiving certification for the Project from the Los Angeles Water Board. In addition:

- i. The Permittee must notify the Los Angeles 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 Los Angeles Water Board at least 30 days prior to the transfer of ownership.
- ii. Until such time as a new Order has been issued, 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 such as debris basins is legally transferred, the Permittee must submit to the Los Angeles 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 Los Angeles 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

If surface water is present, continuous visual surface water monitoring shall be conducted to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete).

2. Accidental Discharges/Noncompliance

Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Los Angeles 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

For projects involving planned work in water or stream diversions, a water quality monitoring plan shall be submitted to Los Angeles Water Board staff for acceptance at least 30 days in advance of any discharge to the affected water body. Water quality monitoring shall be conducted in accordance with the approved plan.

During planned work in water any discharge(s) to waters of the state shall conform to the following water quality standards:

- a. Oil and Grease. Waters shall not contain oils, greases, waxes or other materials in concentrations that result in a visible film or coating on the surface of the water or on objects in the water, that cause nuisance, or that otherwise adversely affect beneficial uses.
- b. Dissolved Oxygen. At a minimum, the mean annual dissolved oxygen concentration of all waters shall be greater than 7 mg/L, and no single determination shall be less than 5.0 mg/L, except when natural conditions cause lesser concentrations.

The dissolved oxygen content of all surface waters designated as WARM shall not be depressed below 5 mg/L as a result of waste discharges.

- c. pH. The pH of inland surface waters shall not be depressed below 6.5 or raised above 8.5 as a result of waste discharges. Ambient pH levels shall not be changed more than 0.5 units from natural conditions as a result of waste discharge.
- d. Turbidity. Downstream TSS shall be maintained at ambient levels. Where natural turbidity is between 0 and 50 Nephelometric Turbidity Units (NTU), increases shall not exceed 20%. Where natural turbidity is greater than 50 NTU, increases shall not exceed 10%.

Sampling shall be conducted in accordance with Table 3 sampling parameters.³

Table 3: Sample Type and Frequency Requirements

Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
Oil and Grease	N/A	Visual	Continuous
Dissolved Oxygen	mg/L and % saturation	Grab	Every 4 Hours
pH	Standard Units	Grab	Every 4 hours
Turbidity	NTU	Grab	Every 4 hours
Temperature	°F (or as °C)	Grab	Every 4 hours

Baseline sampling shall be conducted at a minimum of one location within the project boundary for each phase. All other sampling shall take place at a minimum of two locations. In streams or flowing water, the sample locations shall be upstream and downstream of the Project. Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. A summary of results shall discuss the analysis. Every measurement not meeting the compliance limits shall be accompanied by an explanation, the actions taken to correct the degradation to waters, and addressed in *Violation of Compliance with Water Quality Standards* report described above.

4. Post-Construction

The Permittee shall visually inspect the Project site during the rainy season for 2 years 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 Los Angeles Water Board staff member overseeing the

³ 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 Los Angeles 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.

Project within three (3) working days. The Los Angeles 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 Conditions

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 section 3867, inclusive. Additionally, the Los Angeles Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Los Angeles Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. § 1313).

E. Fees Received

1. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations.

The total fee amount required by the California Code of Regulations, title 23, sections 3833(b)(2) and 2200(a)(4), Category A - Fill & Excavation Discharges (Fee Code 84) is \$37,517.00. An application fee of \$2985.00 was received on October 11, 2024. An additional fee of \$34,532 based on total Project impacts was received on August 31, 2026.

2. **Annual Fees:** This Order is subject to annual billing based on the fee schedule in effect at the time of billing. Annual billing will continue until the Project, including monitoring, is complete and the Water Board receives an acceptable request for a Notice of Project Complete Letter (see Attachment C). Invoices are usually sent out at the end of each calendar year.⁴

To stop annual billing, the Permittee must request a Notice of Project Complete Letter from the Water Board. Water Board staff will verify if the conditions of the Order are met and may conduct a site visit to confirm compliance

F. General Compliance

1. 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 Los Angeles Water

⁴ Annual invoices are issued for projects active for any amount of time in the current fiscal year (July 1 – June 30).

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.

2. 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.
3. The Permittee shall adhere to all requirements in the mitigation monitoring and reporting program (MMRP) Descanso Garden Master Plan Mitigation and Monitoring Reporting Program (June 30, 2020) which is incorporated herein by reference.

G. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment B of this Order.
2. Site Access: The Permittee shall grant Los Angeles 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.
3. 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.
4. 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.
5. Lake and Streambed Alteration Agreement - The Permittee shall submit a signed copy of the Department of Fish and Wildlife's lake and streambed alteration agreement to the Los Angeles Water Board immediately upon execution and prior to any discharge to waters of the state.

6. This Order shall expire five (5) years from date of this Order. The Applicant shall submit a complete application at least 90 days prior to termination of this Order if renewal is requested.

H. Best Management Practices

The Permittee shall additionally mitigate the significant effects of the Project by implementing the following BMPs. The BMPs are intended to reduce erosion and manage the construction site in order to ensure water quality objectives are met in surface and groundwaters during construction. Low Impact Design (LID) BMPs are included to ensure water quality objectives are met in surface and groundwaters after construction.

1. Dewatering and/or Stream Diversion

- a. The northern and southern lakes shall be dewatered prior to any ground disturbing activities.
- b. Water shall be pumped from the lakes into the Descanso Gardens existing irrigation system to be applied to various planting areas for soil infiltration.
- c. Project activities shall be planned for the dry season (April 1 to November 1) to avoid the potential to encounter flowing water.
- d. No work shall occur within jurisdictional waters within 24 hours of a rainfall event that is predicted to exceed one-half inch.

2. Dredging

- a. Removal of accumulated sediment from streams shall occur when no surface water is present.
- b. Sediment that is removed from stream channels shall be placed in pre-identified stockpile locations that are outside of jurisdictional waters.
- c. Stockpile locations shall be surrounded by sandbags to maintain stability.

3. Fugitive Dust

- a. Water shall be applied to all exposed soil to maintain a moisture level appropriate for preventing wind erosion.
- b. Stockpiled soil shall be regularly moistened or covered with a tarp to prevent wind erosion.
- c. Vehicle speeds shall not exceed 10 miles per hour in the project construction area.

- d. The Permittee shall wash, sweep, or vacuum paved areas at a frequency necessary to maintain a clean work site.

4. Site Management

- a. No work shall occur in flowing water.
- b. The work site shall be kept in a clean condition.
- c. Wildlife-proof trash receptacles shall be provided, and no litter shall be allowed on site.
- d. The approved project disturbance limits shall be clearly marked in the field to prevent unintentional impacts to adjacent habitat areas.
- e. The construction supervisor shall inspect the work site on a daily basis to ensure compliance with required BMPs and permit conditions.

5. Hazardous Materials

- a. No vehicle storage, maintenance, or fueling shall occur in jurisdictional waters or areas that have the potential to drain to jurisdictional waters.
- b. Any hazardous material spills shall be cleaned up immediately.
- c. A spill kit for cleanup of hazardous spills shall be present on the work site.

6. Invasive Species and Soil Borne Pathogens

- a. All construction equipment shall be cleaned at an established vehicle cleaning station prior to entering the work site to prevent transferring any invasive plant or wildlife species.
- b. No invasive plant species, as listed on the California Invasive Plant Council's Invasive Plant Inventory, shall be planted on the site for soil stability or other purposes.

7. In Water Work

- a. No ground disturbing activities shall be allowed in areas of standing or flowing water.

8. Post-Construction Storm Water Management

- a. The work site shall be visually inspected immediately after any storm events to identify any areas of excessive erosion, stream instability, or other water quality pollution.
- b. If erosion or stream instability has the potential to affect downstream waters, the Los Angeles Regional Water Quality Control Board shall be

contacted to determine appropriate corrective actions and future monitoring requirements.

9. Roads

- a. A stabilized construction entrance shall be installed to prevent vehicles from tracking dirt onto roads and paved surfaces outside the construction site.
- b. A tire wash station shall be installed at the construction exit location to wash tires to prevent tracking dirt outside the construction site.

10. Sediment Control and Stabilization/Erosion Control

- a. Silt fences and fiber rolls shall be installed for sediment control purposes at the upper boundary of the grading area to prevent sediment erosion onto the work area from adjacent slopes and at the lower boundary to prevent unstabilized soils from escaping the work site.
- b. Sand bags shall be placed at drain inlets to prevent any sedimentation from escaping the work site.
- c. A native seed mix shall be applied to any areas of temporary disturbance along jurisdictional waters to stabilize exposed or disturbed soils.

11. Wildlife and Special Status Species

- a. Removal of vegetation shall occur outside of the bird nesting season (approximately February 1 through September 30) or if a qualified Biologist determines that no birds are present.
- b. A biological monitor shall be present during all vegetation removal and initial ground disturbance activities to ensure compliance with permit conditions and relocate terrestrial wildlife to safe areas.
- c. Tree protection zones shall be established around trees to be protected in place during construction.

13. Stormwater

- a. The project shall comply with the local regulations associated with the Los Angeles Water Board's Municipal Stormwater Permit issued to Los Angeles and Ventura County and co-permittees under NPDES No. CAS004004 and Waste Discharge Requirements Order No. R4-2021-0105 or subsequent order.
- b. If the Project is not required to obtain coverage under the Construction General Permit, Project plans shall include the appropriate erosion and sediment control and stormwater management conditions described below.

Erosion and Sediment Control

- i. No later than 24 hours prior to the start of a likely rain event, the Permittee shall ensure that disturbed areas that drain to waters of the state are protected with correctly installed erosion control measures (e.g., jute, straw, coconut fiber erosion control fabric, coir logs, straw) or revegetated with propagules (seeds, cuttings, divisions) of locally collected native plants. The likely rain event is defined as any weather pattern that is forecast to have a 50 percent or greater probability of producing precipitation in the Project area. The Permittee shall obtain daily a printed copy of the precipitation forecast information (and keep for record) from the National Weather Service Forecast Office.
- ii. The timing for installation of the post-construction stormwater BMP subdrains, soils, mulch, and plants shall be scheduled to ensure that the installed bioretention areas do not receive runoff from exposed or disturbed areas that have not been landscaped. The constructed post-project stormwater BMPs shall not receive site runoff until all Project landscaping is planted, and effective erosion control measures implemented to ensure that the stormwater features are protected from sediment accumulation.

Stormwater Management

- i. Disturbed areas shall be temporarily stabilized to prevent erosion and accidental discharge into waters of the state no later than 24 hours prior to any likely precipitation event. A likely precipitation event is any weather pattern that is forecast to have a 50 percent probability of producing precipitation in the Project area, as predicted by the National Weather Service. If commencement of a precipitation event is predicted to begin less than 24 hours after the forecast is issued, temporary stabilization of the disturbed in-water work areas must begin immediately.
- ii. No individual construction activity that could discharge sediment or other pollutants may be initiated if that activity and its associated erosion control measures cannot be completed prior to the onset of precipitation. After any rain event, the Permittee shall inspect all sites currently under construction and all sites scheduled to begin construction within the next 72 hours for erosion and sedimentation problems and take corrective action as needed. Prior to start-up of any phase of the project that may result in sediment-laden runoff to the project site the Permittee shall consult weather forecasts from the National Weather Service, and construction plans made to meet this condition.

I. On-site Mitigation for Temporary Impacts

1. The Permittee shall restore all areas of temporary impacts to waters of the state.
2. The Permittee shall restore all areas of temporary impacts in accordance with the Project Landscape Plan dated August 16, 2024 and incorporated herein by reference.
3. The Los Angeles Water Board may extend the monitoring period upon a determination by Los Angeles Water Board Executive Officer that the performance standards have not been met or are not likely to be met within the monitoring period.
4. 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 4: Required Project Mitigation Quantity for Temporary Impacts								
Aquatic Resource Type	Mit. Type⁵	Units	Method⁶					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Lake	PR	Acres			1.41			

XVII. Conclusion

I hereby issue the Order for the Nature Discovery Garden and Lake Improvements Project, 4WQC40124134 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).

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

⁵ Mitigation type for onsite restoration of temporary impacts is Permittee Responsible (PR).

⁶ Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

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.

CERTIFICATION

I, Susana Arredondo, do hereby certify that the foregoing is a full, true, and correct copy of waste discharge requirements adopted by WATER QUALITY ORDER NO. [R4-XXXX-XXXX] (WDID No. 4WQC40124134) adopted by the Los Angeles Water Board on November 19, 2026.

Susana Arredondo
Executive Officer
Los Angeles Water Quality Control Board

Nature Discovery Garden and Lake Improvements
Attachment A

Regulatory Measure ID: 458857
Place ID: 897097
File No: 24-134
Attachment A
Project Maps

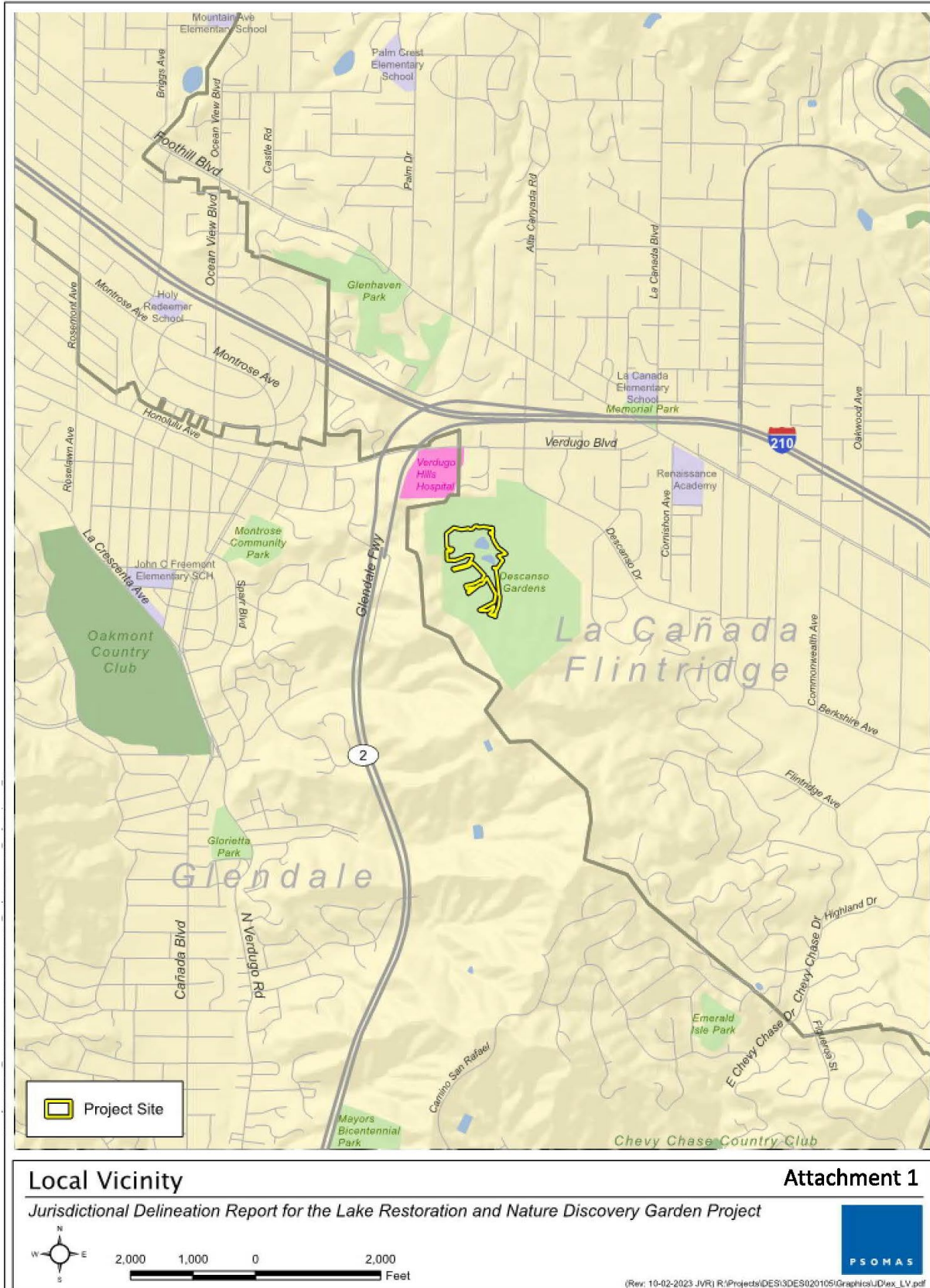


Figure 1. Local Project Vicinity

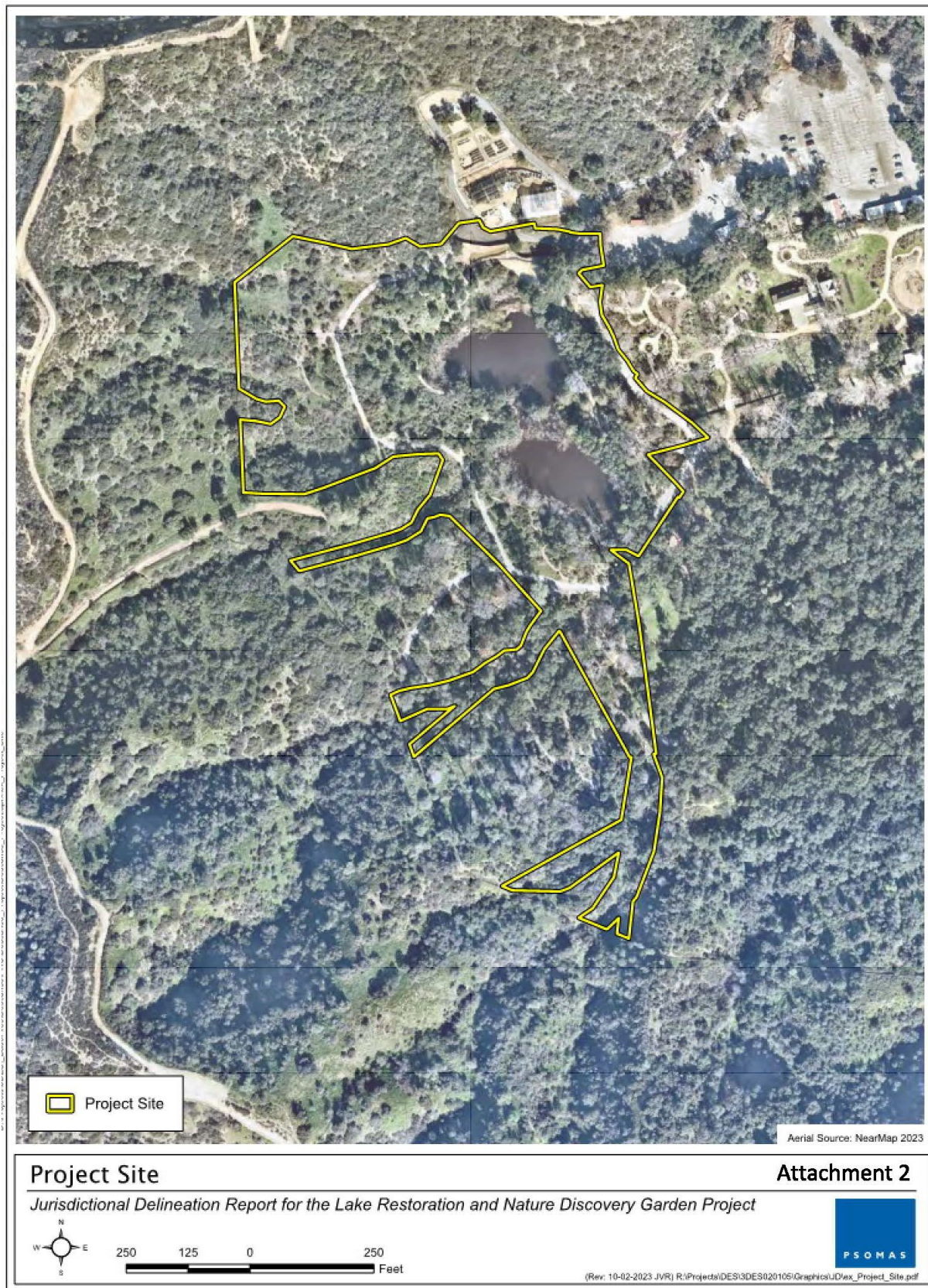


Figure 2. Project Site

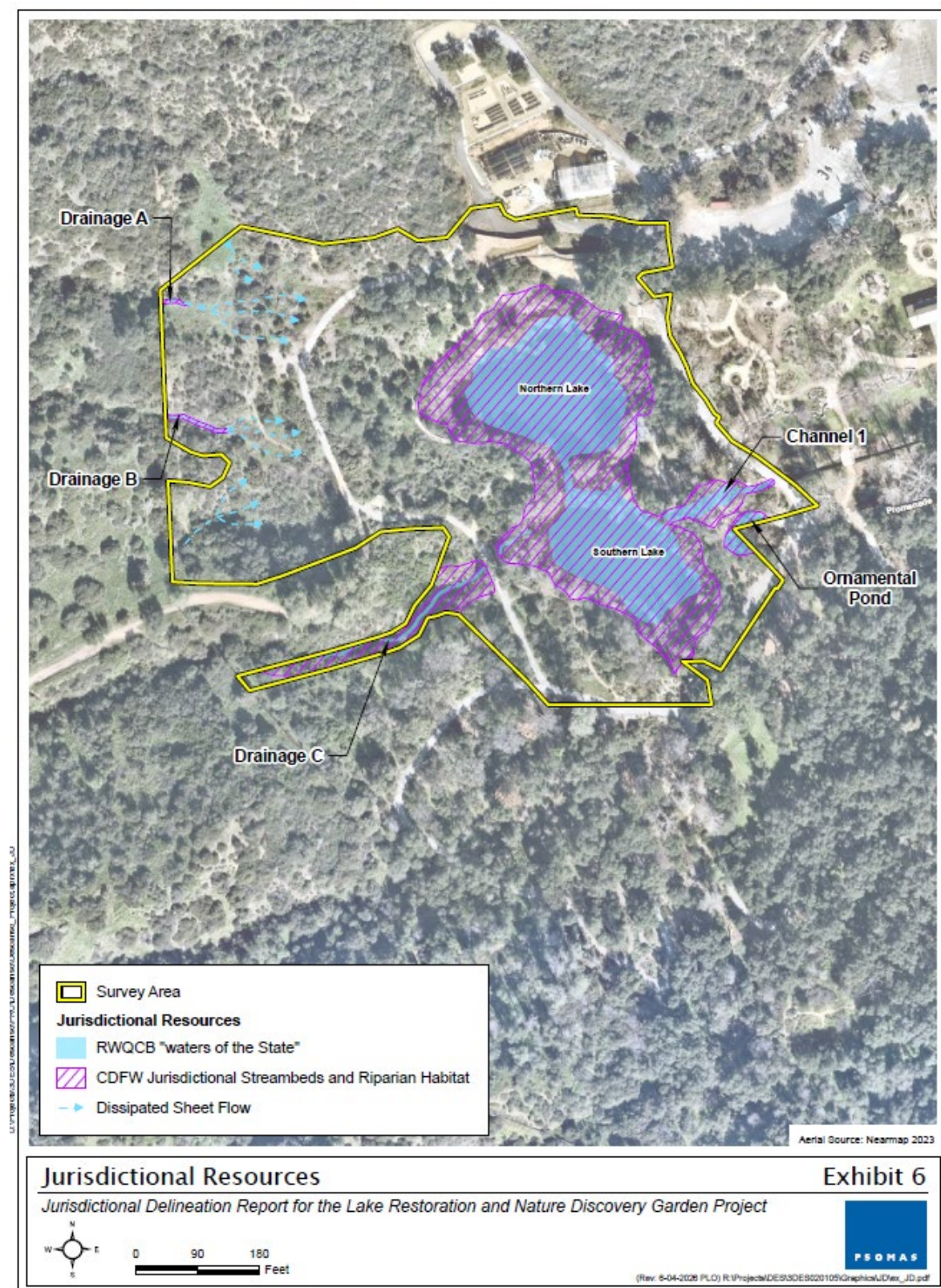


Figure 3. Waters of the State Jurisdictional Delineation

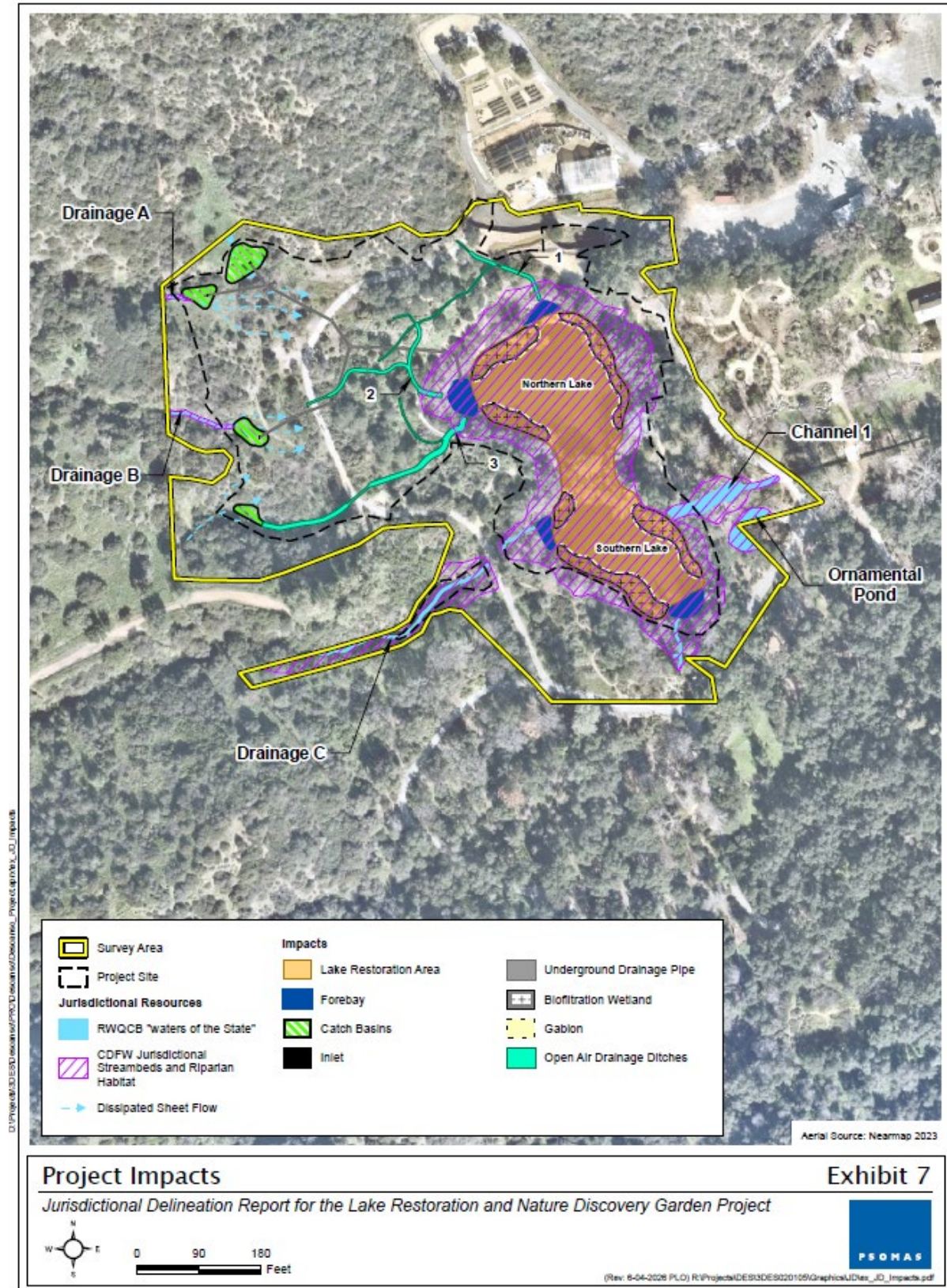


Figure 4. Project Impacts to Waters of the State

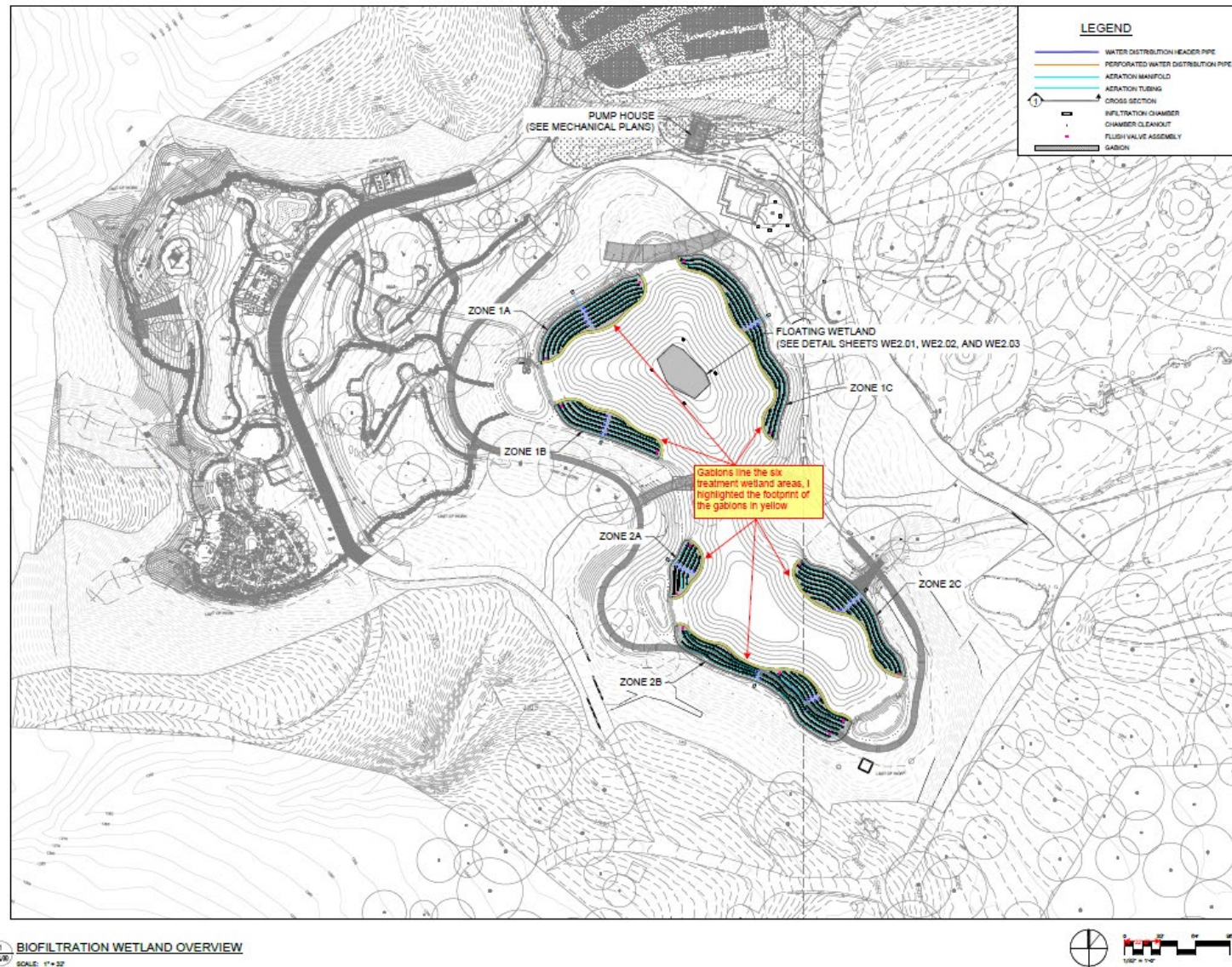
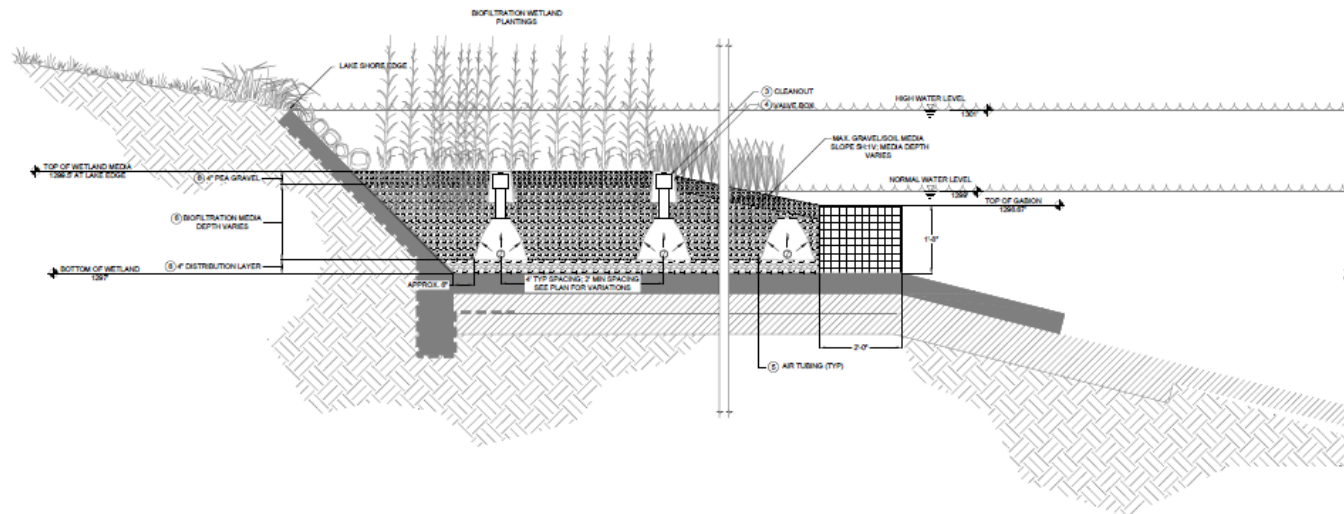


Figure 5. Biofiltration Wetland Overview

- PART TABLE:**
1. BIOFILTRATION WETLAND
SEE SPEC. 486710
 2. WETLAND LINING SYSTEM
SEE SPEC. 334713
 3. CLEANOUT
SEE SPEC. 333100
 4. VALVE BOX
SEE SPEC. 333914
 5. AIR TUBING
SEE SPEC. 486710
 6. AGGREGATE
SEE SPEC. 486710



BIOFILTRATION WETLAND SECTIONS - TYPICAL
SCALE: NONE

Figure 6. Biofiltration Wetland Section

RIOS

210 W 10TH AVENUE
LOS ANGELES, CA 90015
TEL: 213.475.1100
FAX: 213.475.1101
WWW.RIOS.COM

22111

Biohabitats
BIOHABITATS INC. 10000
10000 BAYVIEW BLVD. SUITE 100
DUBLIN, CA 94568
TEL: 925.835.1100
WWW.BIOHABITATS.COM

Descanso Gardens
Nature Discovery Garden &
Lake Improvements
1418 Descanso Dr.
La Cañada Flintridge, CA 91011

DUPLOID
PLAN CHECK
FEB 02 2024
NOV 15 2024

**BIOFILTRATION WETLAND
SECTIONS - TYPICAL**

WE2.00

Attachment B
Signatory Requirements

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 Los Angeles Water Quality Control Board (Los Angeles 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 Los Angeles 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."

Report and Notification Requirements

Copies of this Form: Include a copy of the Project specific Cover Sheet below with your report. Please retain a copy for your records.

Report Submittal Instructions:

1. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting.
 - 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.
 - b) **Project Status Notifications:** Used to notify the Los Angeles Water Board of the status of the Project schedule that may affect Project billing.
 - 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:**
 - a) Submit signed Report and Notification Cover Sheet and required information via email to: RB4-401Certification@waterboards.ca.gov.
 - b) Include in the subject line of the email: Subject: ATTN: Libby Lee; File No: 24-134, Reg. Measure ID: 458857 Report

Definition of Reporting Terms:

Active Discharge Period: The active discharge period begins with the effective date of this Order and includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.

Request for Notice of Completion of Discharges Letter: This request by the Permittee to the Los Angeles 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. Los Angeles 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.

Post-Discharge Monitoring Period: The post-discharge monitoring period begins when all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction have taken place. The Post-Discharge Monitoring Period includes continued water quality monitoring of compensatory mitigation monitoring.

Request for Notice of Project Complete Letter: This request by the Permittee to the Los Angeles Water Board staff pertains to projects that have completed construction and/or any post-construction monitoring and achieved performance standards, and no further Project activities are planned. Los Angeles 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.

Effective Date: Date of Order issuance.

Map and 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):
 - a. **GIS shapefiles.** The shapefiles must depict the boundaries of all protected areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD38) in the California Teale Albers projection in feet.
 - b. **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.
 - c. **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.
 - d. 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.

Project Reporting

A. Annual Report

Report Purpose:

Notify the Los Angeles 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 anniversary of Project effective date. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.

Report Contents:

The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.

During the Active Discharge Period:

- **Topic 1: Construction Summary**
- **Topic 2: Mitigation for Temporary Impacts Status**
- **Topic 3: Compensatory Mitigation for Permanent Impacts Status**

During the Post-Discharge Monitoring Period

- **Topic 1: Mitigation for Temporary Impacts Status**
- **Topic 2: Compensatory Mitigation for Permanent Impacts Status**

B. Annual Reporting Topics

1. Topic 1 – Construction Summary

When to Submit:

With the annual report during the Active Discharge Period

Report Contents:

- 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 (BMPs¹). If construction has not started, provide estimated start date and reasons for delay.
- Color photos, pre-project and current.
- Map showing general Project progress.
- If applicable:
 - a. Summary of any conditional reports sent during the year such as “Accidental Discharge of Hazardous Material Report” or “Violation of Compliance with Water Quality Standards Report”.
 - b. Copies of revised permits from other agencies.
 - c. Compilation of all water quality monitoring results for the year in a spreadsheet format.

2. Topic 2 – Mitigation for Temporary Impacts Status

¹ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

When to Submit:

With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents: *(If not applicable, report N/A)*

- 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.
- If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of mitigation success.

3. Topic 3 – Compensatory Mitigation for Permanent Impact Status

When to Submit:

With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Report.

Report Contents: *(If not applicable, report N/A)*

Part A – Permittee Responsible

- Planned date of initiation of compensatory mitigation site installation.
- If installation is in progress, a map of what has been completed to date.
- If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan.

Part B – Mitigation Bank or In-Lieu Fee

- Status or proof of purchase of credit types and quantities.
- Include the name of bank/ILF Program and contact information.
- If ILF, location of project and type if known.

Project Status Notifications

A. Commencement of Construction

Report Purpose:

Notify Los Angeles 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:

- Date of commencement of construction.
- Anticipated date when discharges to waters of the state will occur.
- Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable.

B. Request for Notice of Project Complete Letter

Report Purpose:

Notify Los Angeles Water Board staff that construction and/or post-construction monitoring is complete, or is not required, and no further Project activity is planned.

When to Submit:

Must be received by Los Angeles Water Board staff within thirty (30) days following completion of all Project activities.

Report Contents:

Part A – Project Construction

- Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized.

Part B – Mitigation for Temporary Impacts

- A report establishing that areas of temporary impacts to waters of the state, and upland areas of temporary disturbance which could result in a discharge to waters of the state, have been successfully restored and all identified success criteria have been met. Pre- and post-photo documentation of all restoration sites.

Part C – Permittee Responsible Compensatory Mitigation

- A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
- Status on the implementation of the long-term maintenance and management plan and funding of endowment.
- Pre- and post-photo documentation of all compensatory mitigation sites.
- Final maps of all compensatory mitigation areas (including buffers).

Part D – Post-Construction Storm Water BMPs

- Date of storm water permit Notice of Termination(s), if applicable.
- Report status and functionality of all post-construction BMPs.

Conditional Notifications and Reports

A. Accidental Discharge of Hazardous Material Report

Report Purpose:

Notifies Los Angeles 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 Los Angeles Water Board staff.

Report Contents:

- 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 quality, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted.
- 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.

- Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

B. Violation of Compliance with Water Quality Standards Report

Report Purpose:

Notifies Los Angeles 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 Los Angeles 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 Los Angeles Water Board staff.

C. In-Water Work and Diversions Water Quality Monitoring Report

Report Purpose:

Notifies Los Angeles Water Board staff of the completion of in-water work.

When to Submit:

Within three (3) working days following the completion of in-water work. Continue reporting in accordance with the approved water quality monitoring plan.

Report Contents:

As required by the approved water quality monitoring plan.

D. Modifications to Project Report

Report Purpose:

Notifies Los Angeles 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:

Prior to any alteration or modification of Project activities.

Report Contents:

A description and location of any alterations of Project activities. Identify any Project modifications that will interfere with the Permittee's compliance with the Order. Any alteration may require an Amendment, to be determined by Los Angeles Water Board staff.

E. Transfer of Property Ownership Report

Report Purpose:

Notifies Los Angeles 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:

- A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchase understands and accepts:
 - a) the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and
 - b) responsibility for compliance with any long-term BMP maintenance plan requirements in this Order.
- A statement that the Permittee has informed the purchase to submit a written request to the Los Angeles Water Board to be named as the permittee in a revised order.

F. Transfer of Long-Term BMP Maintenance Report

Report Purpose:

Notifies Los Angeles Water Board staff of transfer of long-term BMP maintenance responsibility.

When to Submit:

At least 10 working days prior to the transfer of BMP maintenance responsibility.

Report Contents:

A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

Report and Notification Cover Sheet*

Project: Nature Discovery Garden Lake Improvements Project

Permittee: Descanso Gardens

Reg. Measure ID: 458857

Place ID: 897097

File No: 24-134

Report Type Submitted

Project Reporting

☐ Annual Report

Project Status Notifications

☐ Commencement of Construction

☐ Request for Notice of Project Complete Letter

Conditional Notifications and Reports

☐ Accidental Discharge of Hazardous Material Report

☐ Violation of Compliance with Water Quality Standards Report

☐ In-Water Work/Diversions Water Quality Monitoring Report

☐ Modifications to Project Report

☐ Transfer of Property Ownership 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 Name²

Affiliation and Job Title

Signature

Date

²STATEMENT 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.**