



EDMUND G. BROWN JR.
GOVERNOR

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SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

Mr. Erik Pfahler
Porter Ranch Development Company
8383 Wilshire Boulevard, Suite 700
Beverly Hills, CA, 902112425

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
No. 7009 2820 0001 6537 9393

WATER QUALITY CERTIFICATION FOR PROPOSED PHASE IV CORBIN AVENUE BASIN (TRACT 51797) PROJECT (Corps' Project No. 2011-00360-MAS), LIMEKILN CANYON, TRIBUTARY TO BROWNS CANYON CREEK, TRIBUTARY TO THE LOS ANGELES RIVER, COMMUNITY OF PORTER RANCH, LOS ANGELES COUNTY (FILE NO. 11-076)

Dear Mr. Pfahler:

Board staff has reviewed your request on behalf of the Porter Ranch Development Company (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on June 20, 2013.

I hereby issue an order certifying that any discharge from the referenced project will comply with the applicable provisions of 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) of the Clean Water Act, and with other applicable requirements of State law. This discharge is also regulated under State Water Resources Control Board Order No. 2003 - 0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges that have received State Water Quality Certification" which requires compliance with all conditions of this Water Quality Certification.

The Applicant shall be liable civilly for any violations of this Certification in accordance with the California Water Code. This Certification does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this Certification action, please contact Dana Cole, Section 401 Program, at (213) 576-5733.

Samuel Unger
Samuel Unger, P.E.
Executive Officer

8/16/13
Date

DISTRIBUTION LIST

Martin Rasnick
Glenn Lukos Associates
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Project Information
File No. 11-076

1. Applicant: Mr. Erik Pfahler
Porter Ranch Development Company
8383 Wilshire Boulevard, Suite 700
Beverly Hills, CA, 902112425
Phone: (323) 988-7518 Fax: (323) 651-4349

2. Applicant's Agent: Martin Rasnick
Glenn Lukos Associates
29 Orchard
Lake Forest, CA 92630
Phone: (949) 837-0404 Fax: (949) 837-5834

3. Project Name: Phase IV Corbin Avenue Basin (Tract 51797) Project

4. Project Location: Northridge, Los Angeles County

<u>Latitude</u>	<u>Longitude</u>
34.272	-118.567
34.267	-118.567
34.272	-118.562
34.266	-118.567
34.265	-118.564
34.269	-118.567
34.265	-118.564
34.268	-118.564

5. Type of Project: Single-family housing development

6. Project Purpose: The proposed project (Project) will construct 79 single-family residential lots in the Community of Porter Ranch in Los Angeles County.

7. Project Description: The Applicant will develop Tract 51797 Project located in

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Northridge, City of Los Angeles, Los Angeles County, California. The Project site consists of an approximate 53.22-acre area, including portions of the Corbin Avenue Basin and will require storm drain improvement and/or culvert construction, and the decommissioning of the Porter Estate Dam. The Project will construct 79 single-family residential lots. The property is designated for Very Low 1 Residential within the City of Los Angeles General Plan and the Chatsworth-Porter Ranch Community Plan. The site is zoned for 17,500 and 20,000 minimum square foot lots.

The Project proposes to modify the approved subdivision map (map stamp-dated January 14, 2004) by reducing the maximum allowable number of single-family lots from 95 single-family lots to 79 single-family lots and one open space lot (Lot 80). The current proposal is consistent with the City Municipal Code and the revised lot design maintains the same street configuration as the approved map, while significantly reducing grading within, and adjacent to, the streambed along the westerly and southerly boundaries of the Project site to avoid and minimize disturbance to existing wetland and riparian resources.

Estimated grading quantities including raw and remedial earthwork for the revised map are approximately 444,390 cubic yards of cut and fill to balance on-site. As a precaution, part of the modification request includes a haul route to transport potential import or export of approximately 5,000 cubic yards of dirt to or from the Project site, which could be created by potential shrinkage or bulking of the dirt in the grading operation. The haul route will be Corbin Avenue and Mason Avenue, with potential export being transferred to Tract 50508 from the Project site and potential import being brought to the Project site from Tract 50509. Both Tracts 50508 and 50509 are located off of Mason Avenue (to the east) and north of Corbin Avenue within the Porter Ranch Specific Plan Project Area. No disturbance to waters will occur in Tracts 50508 and 50509.

An on-site underground storm drain system, will intercept storm flows tributary to the site at the Project's northwest corner to collect and convey runoff through the proposed development. The Project's storm drain system will ultimately connect into the existing 102-inch diameter reinforced concrete pipe (RCP) storm drain facility south of the Project site, located just north of the

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Porter Estate Dam. Site runoff will enter the basin located at the southeast corner of the Project's development area near Corbin Avenue. Additionally, tributary off-site low-flow runoff and on-site low-flow runoff will be directed into the natural drainage along the westerly and southerly boundaries of the site.

The Project, reflected in the proposed revised subdivision map, differs from the approved map in storm drain alignment in the southern portion of the site. The new proposed revisions will avoid or minimize temporary and permanent impacts to the existing wetland and riparian resources within the basin area upstream of the Porter Estate Dam. This area was set aside as compensatory mitigation as part of Regional Board File Number 98-010. The new alignment re-routes a segment of the storm drain system through Corbin Avenue before connecting into the downstream 102-inch RCP storm drain facility (D-31570) through an existing access ramp into the basin area just north of Porter Estates Dam (northwest of the intersection of Corbin Avenue and Chatsworth Street).

In addition to the proposed storm drain system and basin, part of the Project's flood control improvements will consist of decommissioning the off-site Porter Estate Dam through the extension of the existing 102-inch RCP storm drain facility and lowering the crest of the earthen berm. The decommissioning of the Porter Estate Dam is a requirement of the State Division of Dams.

The Project will require a fuel modification program designed to comply with City fire codes. The fuel modification program has been designed to avoid disturbance to the wetland and riparian habitat areas located along the western and southern boundaries of the Project area and was approved by the City Fire Department; Bureau of Fire Prevention on November 8, 2010.

Existing Conditions

The Project Study Area consists of generally disturbed uplands totaling approximately 53.22 acres, and consists of a variety of habitat/land use types. The Project site is dominated by ruderal vegetation and contains southern willow scrub along the western and southern boundary within a drainage feature that accepts urban runoff and nuisance flows from the existing Porter Ranch Community to the north. Coastal sage scrub is located on the

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artificially created slopes in the southern portion of the Project site. Five coast live oak trees were observed on the western boundary. Other habitat and land use types observed within the Project site include ecotonal scrub, mulefat scrub, emergent wetland, ornamental, and disturbed and developed areas. Elevation ranges from approximately 1,050 feet above Mean Sea Level (MSL) at the southern boundary to 1,125 feet above MSL at the northern boundary. The Project site is bordered by San Fernando Mission Boulevard to the north, Corbin Avenue to the east, Northridge Road to the south, and Winnetka Avenue to the west. The Project site is surrounded by existing residential development and disturbed undeveloped areas.

Regional Board jurisdiction associated with the Study Area totals 4.12 acres, of which 1.21 acres consist of jurisdictional wetlands. Drainages A and B receive flows from the upstream watershed and adjacent residential areas north of the Study Area. Drainage B conveys flows into Drainage A at the southern portion of the Study Area where flows are then conveyed into a storm drain system via a large concrete box. Eventually, flows conveyed by Drainage A and Drainage B ultimately end up in the Pacific Ocean. Ditch A is a ditch excavated wholly in and draining only uplands, which does not carry a relatively permanent flow of water; however this is a water of the State as it conveys flows into Drainage B. Table 1 (below) depicts Regional Board jurisdiction within the Study Area.

Drainage A

Drainage A is an ephemeral, non-RPW drainage that contains 3.80 acres of Regional Board jurisdiction, of which 1.13 acres consists of jurisdictional wetlands. Drainage A enters the Study Area through a culvert underneath a Metropolitan Water District access road along the northwestern portion of the Study Area and conveys flows from nearby residential areas and storm water runoff flows towards the southeastern corner of the Study Area where Drainage B flows into Drainage A. Within the Study Area boundaries, Drainage A conveys flows from north to south for approximately 6,549 linear feet before exiting the site into a storm drain system. Once Drainage A flows into a storm drain near Corbin Avenue at the Porter Estate Dam, it discharges into Limekiln Canyon Creek, which then flows into the Los Angeles River, which then flows into the Pacific Ocean.

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Drainage B

Drainage B is an ephemeral waterway that contains 0.28 acre of waters, of which 0.08 acre consists of jurisdictional wetlands. Drainage B originates in the north central portion of the Study Area and conveys flows south to southeast for 1,405 linear feet towards the southeastern corner of the Study Area where it confluences with Drainage A. Drainage A then conveys flows into a storm drain system, which is then assumed to flow into the Pacific Ocean.

Ditch A

Ditch A consists of a concrete lined and concrete-bottomed V-ditch excavated wholly in the uplands for the purpose of draining uplands. Ditch A is located at the toe of a constructed slope and does not support aquatic resources. This ditch conveys limited storm water flows and residential runoff from the adjacent residential areas to the north and Corbin Avenue. Flows enter this ditch from Corbin Avenue and traverse the northern portion of the site from east to west for 846 linear feet before discharging into Drainage B. Ditch A supports 0.04 acre of waters.

See Tables 1, 2, and 3 summaries below:

Table 1. Total Waters On Site

Drainage Name	Total Non-Wetland Waters (Acres)	Total Wetlands (Acres)	Total Waters (Acres)	Total Linear Feet of Streambed (Feet)
Drainage A	2.67	1.13	3.80	6,549
Drainage B	0.20	0.08	0.28	1,405
Ditch A	0.04	0	0.04	846
TOTAL	2.91	1.21	4.12	8,800

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Impact Analysis:

Table 2. Temporary Impacts to Waters

Drainage Features	Total Waters (Acres)	Length of Drainage (Feet)	Total Temporary Impacts to Waters (Acres)	Linear-Foot Impacts (Feet)
Drainage A	3.80	6,549	0.10	79
Drainage B	0.28	1,405	0	0
Ditch A	0.04	846	0	0
Total(s)	3.92	7,954	0.10	79

Table 3. Permanent Impacts to Waters

Drainage Features	Total Waters (Acres)	Length of Drainage (Feet)	Total Permanent Impacts to Waters (Acres)	Linear-Foot Impacts (Feet)
Drainage A	3.80	6,549	0.01	41
Drainage B	0.28	1,405	0.28	1,397
Ditch A	0.04	846	0.04	846
Total(s)	4.12	8,800	0.33	2,284

8. Federal Agency/Permit: U.S. Army Corps of Engineers
NWP No. 29 (Permit No. 98-00160-AOA)
9. Other Required Regulatory Approvals: California Department of Fish and Game
Streambed Alteration Agreement
10. California Environmental Quality Act Compliance: The City of Los Angeles approved the project's Mitigated Negative Declaration on June 11, 2003. The Notice of Determination was filed with the Los Angeles County Clerk on December 8, 2004.
11. Receiving Water: Unnamed tributary to Limekiln Canyon Wash, a tributary to Aliso Canyon Wash, Los Angeles River Watershed (Hydrologic Unit No.

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405.21)

12. Designated Beneficial
Uses:

MUN*, GWR, REC-1, REC-2, WARM, WILD

*Conditional beneficial use

13. Impacted Waters of the
United States:

Federal jurisdictional wetlands: 0.01 temporary (53 linear feet) and
0.08 permanent acres (321 linear feet)

Non-wetland waters (streambed): 0.09 temporary (26 linear feet)
and 0.21 permanent acres (1,117 linear feet)

Non-wetland waters (unvegetated streambed): 0.04 permanent acres
(846 linear feet)

14. Related Projects
Implemented/to be
Implemented by the
Applicant:

The Applicant proposes to continue construction on one project site,
the Porter Ranch Specific Plan Project Site (Specific Plan Site),
within the next few months. The Specific Plan Site is located north
of this Project between Sesnon Boulevard to the north and State
Highway 118 to the south and between Browns Canyon Creek to
the west and Limekiln Canyon Creek to the east.

The Specific Plan Project was certified under Regional Board File
Number 01-005. No other activities within the Limekiln Canyon
Wash Watershed are planned during the next five years.

15. Avoidance/
Minimization
Activities:

The Applicant has proposed to implement several Best
Management Practices, including, but not limited to, the following:

- Preserve existing vegetation;
- All construction entrances exits and staging and storage areas
will be stabilized;
- Slopes will be Stabilized through soil binders, install gravel bags,
or silt fencing along all toes of slope and gravel bags along the
top of slopes;

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- Silt fencing will be placed around the perimeter of the site;
- Temporary cross barrier check dams will be installed for off-site flows;
- Storm drain outlets will have temporary sediment barriers installed;
- All waste shall be disposed of properly;
- Recycling bins will be appropriately labeled to recycle construction materials including; solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and vegetation;
- Toxic wastes and non-recyclable materials and wastes will be taken to legal point of disposal;
- Leaks, drips, and spills will be immediately cleaned up to prevent contamination of soil or paved surfaces; dry cleanup methods will be employed;
- Where truck traffic is frequent, gravel approaches will be placed to reduce soil disturbance and limit the tracking of sediment into the streets;
- All vehicle and other machine maintenance or washing will be performed out of the reach of storm drains;
- All major repairs of equipment of machinery will be conducted off-site;
- Drip pans or drop clothes will be used to prevent contamination from drips or spills from equipment;
- Excavation and grading activities will be scheduled during dry weather periods;
- If grading occurs during rain, construction diversion dikes to channel runoff will be placed around the Site;
- Channels will be lined with grass or roughened pavement to

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reduce runoff velocity;

- Appropriate drainage devices such as interceptor terraces, berms, v-channels, and inlet and outlet structures will be placed to prevent erosion;
- Clearing and grading of the site will be done within the Project site area only and existing vegetation outside of the construction site shall remain in place;

The applicant has proposed the Site Design BMPs below:

- Landscaped buffer areas and vegetated swales will be incorporated between sidewalks and streets to minimize urban runoff;
- Canopy and water conservation will be maximized by preserving existing native trees and shrubs, and planting additional native or drought-tolerant trees and large shrubs to minimize urban runoff;
- Natural drainages will be used to minimize urban runoff and conserve natural areas;
- Site ponding areas or retention facilities will be constructed to increase opportunities for infiltration consistent with vector control objectives to minimize urban runoff;
- Impervious surfaces, such as decorative concrete will be minimized in the landscape design to minimize the Project footprint;
- Natural areas will be conserved;
- Impervious sidewalks, walkways, trails, and patios will be drained into adjacent areas where landscaping is proposed;
- The use of vegetated drainage swales will be increased in lieu of underground piping or imperviously lined swales.

Source Control BMPs are proposed below:

- Irrigation system and landscape will be maintained;

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- Common areas will employ litter control;
- Drainage facilities will be inspected and maintained;
- Pesticides will not be allowed.
- MS-4 stenciling and signage will be used;
- Project slopes, channels, landscape, and irrigation systems will be designed in order to control point sources.

The project's main proposed treatment control is an extended detention basin. All flows will be conveyed to the extended detention basin located in the southwest corner of the project's development area. The basin will be designed to detain the stormwater runoff from a water quality design storm for a draw down period of 48 hours (but not to exceed 72 hours due to vector control) to allow particles and associated urban pollutants to settle prior to discharge.

In addition to the extended detention, vegetated swales and vegetated buffer strips will be used throughout the project within parkway areas in between the private drives and sidewalk system. The vegetate swales and buffer strips will help treat flows by filtering the runoff through vegetation and the subsoil matrix as well as promoting some infiltration into the underlying soils. Consequently, a treatment train will be established with flows from the residential lots being conveyed through pervious areas prior to entering the on-site storm drain system, which ultimately conveys all flows to an extended detention basin before discharging into the natural drainage course downstream.

16. Proposed Compensatory Mitigation:

The applicant proposes to provide 1.074 acres of wetland and riparian habitat mitigation within the Los Angeles River or Santa Paula Mitigation Bank Watersheds. The impacts and proposed mitigation is summarized in the table below:

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Table 4. Impacts and Mitigation Proposed (in Acres)

Drainage	Impact	Permanent or Temporary Impact	Proposed Mitigation Ratio	Mitigation Proposed
Drainage A NW Culvert	0.003	Permanent	3:1	0.009
Drainage A- NW Culvert	0.01	Temporary	1:1	0.01
Drainage A- Mitigation Area	0.001	Permanent	5:1	0.005
Drainage A- Lowering of Porter Estate Dam	0.09	Temporary	1:1	0.09
Drainage B	0.28	Permanent	3:1	0.84
Ditch A	0.04	Permanent	3:1	0.12
Total Mitigation Proposed				1.074

17. Required
Compensatory
Mitigation:

A total of 1.09 acres of wetland and riparian habitat mitigation shall be provided within the Los Angeles River or Santa Paula River Watersheds, of which at least 0.99 acres must be restoration or creation. See *Attachment B, Conditions of Certifications, Additional Conditions* for modifications and additions to the above proposed compensatory mitigation.

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STANDARD CONDITIONS

Pursuant to §3860 of Title 23 of the California Code of Regulations (23 CCR), the following three standard conditions shall apply to this project:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to §13330 of the California Water Code and Article 6 (commencing with 23 CCR §3867).
2. This Certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to 23 CCR Subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. Certification is conditioned upon total payment of any fee required pursuant to 23 CCR Chapter 28 and owed by the Applicant.

ADDITIONAL CONDITIONS

Pursuant to 23 CCR §3859(a), the Applicant shall comply with the following additional conditions:

1. The Applicant shall submit to this Regional Board copies of any other final permits and agreements required for this project, including, but not limited to, the U.S. Army Corps of Engineers' (ACOE) Section 404 Permit and the California Department of Fish and Wildlife's (CDFW) Streambed Alteration Agreement. **These documents shall be submitted prior to any discharge to waters of the State.**
2. The Applicant shall adhere to the most stringent conditions indicated with either this Certification, the CDFW's Streambed Alteration Agreement, or the ACOE Section 404 Permit.
3. The Applicant shall comply with all water quality objectives, prohibitions, and policies set forth in the *Water Quality Control Plan, Los Angeles Region (1994)*, as amended.
4. The Avoidance/Minimization activities proposed by the Applicant as described in Attachment A, No. 15, are incorporated as additional conditions herein.
5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, the approved and all other regulatory approvals for this project on site at all times and shall be familiar with all conditions set forth.

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6. Fueling, lubrication, maintenance, operation, and storage of vehicles and equipment shall not result in a discharge or a threatened discharge to waters of the State. At no time shall the Applicant use any vehicle or equipment which leaks any substance that may impact water quality. Staging and storage areas for vehicles and equipment shall be located outside of waters of the State.
7. All excavation, construction, or maintenance activities shall follow best management practices to minimize impacts to water quality and beneficial uses. Dust control activities shall be conducted in such a manner that will not produce downstream runoff.
8. No construction material, spoils, debris, or any other substances associated with this project that may adversely impact water quality standards, shall be located in a manner which may result in a discharge or a threatened discharge to waters of the State. Designated spoil and waste areas shall be visually marked prior to any excavation and/or construction activity, and storage of the materials shall be confined to these areas.
9. All waste or dredged material removed shall be relocated to a legal point of disposal if applicable. A legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and is in full compliance therewith. Please contact the Land Disposal Unit at the Regional Board for further information regarding the disposal of solid wastes.
10. The Applicant shall implement all necessary control measures to prevent the degradation of water quality from the proposed project in order to maintain compliance with the Basin Plan. The discharge shall meet all effluent limitations and toxic and effluent standards established to comply with the applicable water quality standards and other appropriate requirements, including the provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act. This Certification does not authorize the discharge by the applicant for any other activity than specifically described in the 404 Permit.
11. The discharge shall not: a) degrade surface water communities and populations including vertebrate, invertebrate, and plant species; b) promote the breeding of mosquitoes, gnats, black flies, midges, or other pests; c) alter the color, create visual contrast with the natural appearance, nor cause aesthetically undesirable discoloration of the receiving waters; d) cause formation of sludge deposits; or e) adversely affect any designated beneficial uses.
12. The Applicant shall allow the Regional Board and its authorized representative entry to the premises, including all mitigation sites, to inspect and undertake any activity to determine compliance with this Certification, or as otherwise authorized by the California Water Code.
13. Application of pesticides must be supervised by a certified applicator and be in conformance with manufacturer's specifications for use. Compounds used must be appropriate to the

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target species and habitat. All pesticides directed toward aquatic species must be approved by the Regional Board. Pesticide utilization shall be in accordance with State Water Resources Control Board Water Quality Order Nos. 2011-0002-DWQ and 2004-0009-DWQ.

14. The Applicant shall not conduct any construction activities within waters of the State during a rainfall event. The Applicant shall maintain a **five-day (5-day) clear weather forecast** before conducting any operations within waters of the State.
15. If rain is predicted after operations have begun, grading activities must cease immediately and the site must be stabilized to prevent impacts to water quality, and minimize erosion and runoff from the site.
16. The grading, stabilization and re-vegetation will be phased to limit the exposed or working face such that the graded area can be stabilized within 24 hours after the first prediction of rain during the 5-day forecast or within 24 hours after final grading of the phased area.
17. The Applicant shall utilize the services of a qualified biologist with expertise in riparian assessments during any vegetation clearing activities. The biologist shall be available on site during construction activities to ensure that all protected areas are marked properly and ensure that no vegetation outside the specified areas is removed. The biologist shall have the authority to stop the work, as necessary, if instructions are not followed. The biologist shall be available upon request from this Regional Board for consultation within 24 hours of request of consultation.
18. No activities shall involve wet excavations (i.e., no excavations shall occur below the seasonal high water table). A minimum **5-foot** buffer zone shall be maintained above the existing groundwater level. If construction or groundwater dewatering is proposed or anticipated, the Applicant shall file a **Report of Waste Discharge (ROWD)** to this Regional Board and obtain any necessary NPDES permits/Waste Discharge Requirements prior to discharging waste.

Sufficient time should be allowed to obtain any such permits (generally 180 days). If groundwater is encountered without the benefit of appropriate permits, the Applicant shall cease all activities in the areas where groundwater is present, file a Report of Waste Discharge to this Regional Board, and obtain any necessary permits prior to discharging waste.

19. All project and construction activities not included in this Certification, and which may require a permit, must be reported to the Regional Board for appropriate permitting. Bank stabilization and grading, as well as any other ground disturbances, are subject to restoration and revegetation requirements, and may require additional Certification action.

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20. All surface waters, including ponded waters, shall be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. If surface water diversions are anticipated, the Applicant shall develop and submit a **Surface Water Diversion Plan** (plan) to this Regional Board. The plan shall include the proposed method and duration of diversion activities, structure configuration, construction materials, equipment, erosion and sediment controls, and a map or drawing indicating the locations of diversion and discharge points. Contingency measures shall be a part of this plan to address various flow discharge rates. The plan shall be submitted prior to any surface water diversions. If surface flows are present, then upstream and downstream monitoring for the following shall be implemented:
- pH
 - temperature
 - dissolved oxygen
 - turbidity
 - total suspended solids(TSS)

Analyses must be performed using approved US Environmental Protection Agency methods, where applicable. These constituents shall be measured at least once prior to diversion and then monitored for on a daily basis during the first week of diversion and/or dewatering activities, and then on a weekly basis, thereafter, until the in-stream work is complete.

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. Diversion activities shall not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. 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%. Any such violations may result in corrective and/or enforcement actions, including increased monitoring and sample collection.

21. The Applicant shall restore the proposed **0.10 acres** of **temporary impacts** to waters of the United States and all other areas of temporary disturbance which could result in a discharge or a threatened discharge to waters of the State. Restoration shall include grading of disturbed areas to pre-project contours and revegetation with native species. Restored areas shall be monitored and maintained with native species as necessary for five years.
22. The Applicant shall provide **compensatory mitigation** to offset the proposed **temporal** and **permanent** loss of waters of the United States. Table I below lists the impact by waterbody type, permanent and temporary impact, impact ratio requirements. Actual mitigation must be greater than or equal to the **total** mitigation required by waterbody type:

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Table 4: Mitigation Requirements

Jurisdictional Wetland (in Acres)		
Impact	Mitigation Ratio	Mitigation Required
Permanent	0.08	4:01
Temporary	0.01	1:01
Total:		0.33
Vegetated Streambed (in Acres)		
Impact	Mitigation Ratio	Mitigation Required
Permanent	0.21	3:01
Temporary	0.09	1:01
Total		0.72
Unvegetated Streambed (in Acres)		
Impact	Mitigation Ratio	Mitigation Required
Permanent	0.04	1:01
Total		0.04

The mitigation site shall be located within the Los Angeles River or Santa Paula Watersheds unless otherwise approved by this Regional Board. At least **0.99 acres** must be applied towards restoration or creation. The Applicant shall submit a **Proposed Mitigation Report** which shall include:

- (a) Documentation from the third party indicating that funds have been used for mitigation acreage only, which do not include administrative costs.
- (b) The boundary of the mitigation site shall be clearly identified on a map of suitable resolution and quality and shall also be defined by latitude and longitude.
- (c) The type(s) of mitigation shall be described (e.g., removal of exotics and/or replanting with native species, etc.)
- (d) Success criteria shall be established.

This information shall be submitted to this Regional Board for approval prior to any disturbance within waters of the United States and shall include copies of all agreements made between the Applicant and a third party organization regarding compensatory mitigation efforts.

23. All open space and mitigation areas shall be placed within a conservation easement to ensure preservation in perpetuity. Documentation of proper easement placement shall be submitted to the Regional Board within one year.
24. The Applicant shall submit to this Regional Board **Annual Monitoring Reports** (Annual Reports) by **January 1st** of each year for a minimum period of **five (5) years** following this issuance of 401 Certification or until mitigation success has been achieved and documented. The Annual Reports shall describe in detail all of the project/construction activities performed during the previous year and all restoration and mitigation efforts; including

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percent survival by plant species and percent cover. The Annual Reports shall describe the status of other agreements (e.g., mitigation banking) or any delays in the mitigation process. At a minimum the Annual Reports shall include the following documentation and answered appropriately whether or not mitigation has been performed:

- (a) Color photo documentation of the pre- and post-project and mitigation site conditions;
 - (b) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project and mitigation areas;
 - (c) The overall status of project including a detailed schedule of whether or not work has begun on the Project;
 - (d) Copies of all permits revised as required in Additional Condition 1;
 - (e) Water quality monitoring results for each reach (as required) compiled in an easy to interpret format;
 - (f) A certified Statement of "no net loss" of wetlands associated with this project;
 - (g) Discussion of any monitoring activities and exotic plant control efforts; and
 - (h) A certified Statement from the permittee or his/her representative that all conditions of this Certification have been met.
25. All applications, reports, or information submitted to the Regional Board shall be signed:
- (a) For corporations, by a principal executive officer at least of the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates.
 - (b) For a partnership, by a general partner.
 - (c) For a sole proprietorship, by the proprietor.
 - (d) For a municipal, State, or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
26. Each and any report submitted in accordance with this Certification shall contain the following completed declaration:

"I declare under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified

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personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on the _____ day of _____ at _____.

(Signature)
(Title)

27. The Applicant shall ensure a Report of Waste Discharge (ROWD) be filed for the proposed project, should any person discharge waste, or propose to discharge waste, other than into a community sewer system, which could affect the quality of the waters of State per Section 13260(a) of the California Water Code. Please note that the Applicant is required to file a complete ROWD/Form 200 with this Regional Board at least 120 days prior to commencing the discharge from the proposed project.
28. The project shall ensure connection to a Public Sewage Treatment System within 12 months of installation of the sewerage lateral collection line within 200 feet of the property. The project shall maintain compliance with Assembly Bill 885 and all local requirements for operation and maintenance of septic systems.
29. All communications regarding this project and submitted to this Regional Board shall identify the Project File Number 11-076. Submittals shall be sent to the attention of the 401 Certification Unit.
30. Any modifications of the proposed project may require submittal of a new Clean Water Act Section 401 Water Quality Certification application and appropriate filing fee.
31. The project shall comply with the local regulations associated with the Regional Board's Municipal Stormwater Permit issued to Los Angeles County and co-permittees under NPDES No. CAS004001 and Waste Discharge Requirements Order No. R4-2012-0175. This includes the Standard Urban Storm Water Mitigation Plan (SUSMP) and all related implementing local ordinances and regulations for the control of stormwater pollution from new development and redevelopment. The project shall comply with all requirements of the National Pollutant Discharge Elimination System (NPDES) **General Permit** for Storm Water Discharges Associated with Construction Activity, Order No. 2009-009-DWQ. All stormwater treatment systems shall be located outside of any water of the State and shall not be used as a wetland or riparian mitigation credit.
32. Coverage under this Certification may be transferred to the extent the underlying federal permit may legally be transferred and further provided that the Applicant notifies the

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Executive Officer at least 30 days before the proposed transfer date, and the notice includes a written agreement between the existing and new Applicants containing a specific date of coverage, responsibility for compliance with this Certification, and liability between them.

33. The Applicant or their agents shall report any noncompliance. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
34. *Enforcement:*
- (a) In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.
 - (b) In response to a suspected violation of any condition of this Certification, the State Water Resources Control Board (SWRCB) or Regional Water Quality Control Board (RWQCB) may require the holder of any permit or license subject to this Certification to furnish, under penalty of perjury, any technical or monitoring reports the SWRCB deems appropriate, provided that the burden, including costs, of the reports shall be a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
 - (c) In response to any violation of the conditions of this Certification, the SWRCB or RWQCB may add to or modify the conditions of this Certification as appropriate to ensure compliance.
35. This Certification shall expire **five (5) years** from date of this Certification. The Applicant shall submit a complete application at least 90 days prior to termination of this Certification if renewal is requested.