



# California Regional Water Quality Control Board Los Angeles Region



320 W. 4<sup>th</sup> Street, Suite 200, Los Angeles, California 90013

(213) 576-6600 • FAX (213) 576-6640

<http://www.waterboards.ca.gov/losangeles>

Matthew Rodriguez  
Secretary for  
Environmental Protection

Edmund G. Brown Jr.  
Governor

Mr. Mike Montgomery  
Los Angeles County Department of Public Works  
900 S. Fremont Avenue  
Alhambra, CA 91803

## WATER QUALITY CERTIFICATION FOR PROPOSED TOPANGA CREEK SLOPE REPAIR PROJECT (Corps' Project No. 2010-00366-KW), TOPANGA CREEK, CITY OF MALIBU, LOS ANGELES COUNTY (File No. 10-044)

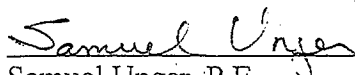
Dear Mr. Montgomery:

Board staff has reviewed your request on behalf of Los Angeles County (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on October 24, 2011.

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 Valerie Carrillo, Lead, Section 401 Program, at (213) 576-6759.

  
\_\_\_\_\_  
Samuel Unger, P.E.  
Executive Officer

11-22-11  
\_\_\_\_\_  
Date

## DISTRIBUTION LIST

Kevin Lea (via electronic copy)  
GeoKinetics  
77 Bunsen  
Irvine, CA 92618

Bill Orme (via electronic copy)  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 944213  
Sacramento, CA 94244-2130

Sarah Rains (via electronic copy)  
California Department of Fish and Game  
Streambed Alteration Team  
4949 View Ridge Avenue  
San Diego, CA 92123

Daniel Swenson (via electronic copy)  
U.S. Army Corps of Engineers  
Regulatory Branch, Los Angeles District  
P.O. Box 532711  
Los Angeles, CA 90053-2325

Eric Raffini (via electronic copy)  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

Jim Bartel  
U.S. Fish and Wildlife Service  
6010 Hidden Valley Road  
Carlsbad, CA 92009

**ATTACHMENT A**

**Project Information**

**File No. 10-044**

1. Applicant: Mike Montgomery  
Los Angeles County  
900 S. Fremont Avenue  
Alhambra, CA 91803  
Phone: (626) 458-4923 Fax: (626) 458-4913

2. Applicant's Agent: Kevin Lea  
kevin@geokinetics.org  
GeoKinetics  
77 Bunsen  
Irvine, CA 92618  
Phone: (949) 502-5353 Fax: (949) 502-5354

3. Project Name: Topanga Creek Slope Repair

4. Project Location: Malibu, Los Angeles County

<u>Latitude</u>	<u>Longitude</u>
34.0385	119.5831
34.0385	119.5833
34.0388	119.5832
34.0389	119.5833

5. Type of Project: Topanga Creek slope restoration at Pacific Coast Highway (PCH)

6. Project Purpose: The purpose of the proposed project is to restore the eroded western slope of Topanga Creek at Topanga Lagoon, adjacent to an emergency access road and Pacific Coast Highway (PCH). The access road is utilized by the Los Angeles County Fire Department and Lifeguards for emergency purposes. The road provides access to the Topanga Emergency Medical Services (EMS) Landing Site. The helicopter landing site is utilized extensively for loading trauma patients with destinations to the UCLA Trauma Center. Absent its availability, transport of trauma patients would default to ground

## ATTACHMENT A

### Project Information

File No. 10-044

ambulances along PCH. Over time, the access road has been narrowed by stream bank erosion and failure.

#### 7. Project Description:

The project will restore the wetlands immediately downstream of the PCH bridge and stabilize the westerly stream bank at the project site, in order to prevent further mass wasting into the wetland. At the site, riprap occupied the west bank until 2005, when it collapsed. The eroded section of bank has increased since 2005 and narrowed the access road. Currently, a 90-foot section of the bank requires stabilization.

The proposed project will also repair the access road which has been undermined by the stream bank failure and the road will be realigned slightly to the west to avoid the wetlands. The road will also allow access to a parking lot for beach use which has been closed since the stream bank failure.

Project activities will include the removal of rubble and debris from within the wetland area originating from the slope failure. Rip-rap will be placed along the toe of the slope for a distance of approximately 90 feet and will be placed outside of the wetland area to stabilize the slope and prevent further mass wasting into the channel. The width of the riprap will be approximately 10 feet.

Cofferdams will be placed in the creek adjacent to the failure, during construction of the bank slope. Water will be pumped from the cofferdam, filtered for sediment, and then placed directly back into the creek.

The dimensions of the bank stabilization area include:

- an approximately 90 foot long repair area;
- 845 yd<sup>3</sup> cut for benching of the slope;
- 621 yd<sup>3</sup> soil and riprap fill;
- 273 yd<sup>3</sup> imported riprap; and
- 497 yd<sup>3</sup> soil excavation and removal.

Approximately 86 cubic yards (cy) of sand and sediment will be dredged adjacent to the channel within a temporary area of 5-feet by 10-feet by 5-feet deep cofferdams along the toe of slope to provide a keyway (base) for the rip-rap.

## ATTACHMENT A

### Project Information

File No. 10-044

Due to regulatory input, the project has been redesigned from the original plans. Original project plans included an impact of 0.15 acres and the revised plans will consist of permanent impacts within waters to 0.02 acres, for a substantial avoidance of impacts.

Work shall take place between June 1 and October 31, in order to protect fish habitat.

8. Federal Agency/Permit: U.S. Army Corps of Engineers  
NWP No. 13 (Permit No. 2010-00366-KW)
9. Other Required Regulatory Approvals: California Coastal Commission  
Coastal Development Permit  
The project was approved at a Coastal Commission hearing in Huntington Beach on October 5, 2011.
10. California Environmental Quality Act Compliance: The proposed project is Categorical Exempt from CEQA pursuant to the CEQA Guidelines, Section 15302 Replacement or Reconstruction.
11. Receiving Water: Topanga Lagoon (Hydrologic Unit No. 404.11)
12. Designated Beneficial Uses: NAV, REC-1, REC-2, COMM, EST, WILD, RARE, MIGR, SPWN, WET
13. Impacted Waters of the United States: Non-wetland waters (streambed): 0.02 permanent acres (90 linear feet)
14. Dredge Volume: None
15. Related Projects Implemented/to be Implemented by the Applicant: The Applicant has not identified any related projects carried out in the last 5 years or planned for implementation in the next 5 years.
16. Avoidance/Minimization Activities: The Applicant has proposed to implement several Best Management Practices, including, but not limited to, the following:
  - Construction will occur during June 1 to October 31, in order to avoid impacts to steelhead trout and tidewater goby;
  - A qualified biologist will continuously monitor installation

## ATTACHMENT A

### Project Information File No. 10-044

and removal of cofferdams, the work areas, and all construction activities;

- Per the Biological Assessment and US Fish & Wildlife Service and National Marine Fisheries Service conditions, a report will be completed by the qualified biologist and submitted to the Regional Board;
- Work site will be clearly flagged or staked to avoid potential impacts to adjacent natural habitats or sensitive areas; and
- Construction contractors will be required to utilize Best Management Practices for sediment and erosion control on the beach; and
- Staging and storage areas for equipment will be located outside of all waters.

17. Proposed  
Compensatory  
Mitigation:

The Applicant has proposed to provide compensatory mitigation through restoration in the project vicinity.

18. Required  
Compensatory  
Mitigation:

The Regional Board will require the Applicant to provide compensatory mitigation at a ratio of 3:1 for all impacts associated with the proposed project. Therefore, mitigation will consist of a total of 0.06 acres of wetland and riparian restoration in the project vicinity.

See *Attachment B, Conditions of Certifications, Additional Conditions* for modifications and additions to the above proposed compensatory mitigation.

## ATTACHMENT B

### Conditions of Certification File No. 10-044

#### 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 Game's (CDFG) 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 CDFG'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. 16, are incorporated as additional conditions herein.
5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, and all other regulatory approvals for this project on site at all times and shall be familiar with all conditions set forth.

## ATTACHMENT B

### Conditions of Certification

File No. 10-044

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 and/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.
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



## ATTACHMENT B

### Conditions of Certification

File No. 10-044

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. 2004-0008-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. The Applicant shall utilize the services of a qualified biologist during construction and specifically for the installation of cofferdams. The biologist shall be available on-site during construction activities to ensure that all conditions of regulatory permits are met. 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.
16. 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** 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.
17. All project/maintenance 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.
18. 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:

## ATTACHMENT B

### Conditions of Certification File No. 10-044

- 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.

19. The Applicant shall restore **all areas** 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. The Applicant shall implement all necessary Best Management Practices to control erosion and runoff from areas associated with this project.
20. The Applicant shall provide COMPENSATORY MITIGATION to offset the proposed permanent impacts to **0.02 acres** of vegetation within waters of the United States/Federal jurisdictional wetlands by creating or restoring riparian habitat/Federal jurisdictional wetland habitat at a minimum **3:1** area replacement ratio (**0.06 acres**). The mitigation site shall be located within project area unless otherwise approved by this Regional Board. The Applicant shall submit a **Proposed Mitigation Report** which shall include:
  - (a) 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.
  - (b) The type(s) of mitigation shall be described (e.g., removal of exotics and/or replanting with native species, etc.)
  - (c) Success criteria shall be established.

## ATTACHMENT B

### Conditions of Certification File No. 10-044

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.

21. The Applicant shall submit to this Regional Board **Annual Mitigation Monitoring Reports** (Annual Reports) by **January 1<sup>st</sup>** 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 percent survival by plant species and percent cover. At a minimum the Annual Reports shall include the following documentation:
  - (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 work;
  - (d) Copies of all permits revised as required in Additional Condition 1;
  - (e) Water quality monitoring results (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.
22. Prior to any subsequent maintenance activities within the subject drainages/basin, including clearing, maintenance by-hand, and/or the application of pesticides, the Applicant shall submit to this Regional Board a NOTIFICATION of any such activity. Notification shall include: (a) the proposed schedule; (b) a description of the drainage's/basin's existing condition/capacity; (c) the area of proposed temporary impact within waters of the State; (c) a description of any existing aquatic resources (e.g., wetland/riparian vegetation); and (d) any proposed compensatory mitigation. Notifications must be submitted a minimum of **three (3) weeks** prior to commencing work activities.

ATTACHMENT B

Conditions of Certification  
File No. 10-044

23. 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.

24. 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 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)"

25. All communications regarding this project and submitted to this Regional Board shall identify the Project File Number **10-044**. Submittals shall be sent to the attention of the 401 Certification Unit.
26. 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.
27. 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. 01-182. 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 also comply with all requirements of the National Pollutant Discharge Elimination System (NPDES) **General Permit** for

## ATTACHMENT B

### Conditions of Certification

File No. 10-044

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.

28. 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 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.
29. 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.
30. *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.

ATTACHMENT B

Conditions of Certification  
File No. 10-044

31. This Certification shall expire **five (5) years** from date of this Certification. The Applicant shall submit a complete application prior to termination of this Certification if renewal is requested.