



# California Regional Water Quality Control Board Los Angeles Region



Linda S. Adams  
Agency Secretary

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Arnold Schwarzenegger  
Governor

Mr. Art Vander Vis  
County of Los Angeles, Department of Public Works  
10179 Glenoaks Boulevard  
Sun Valley, CA 91352

## WATER QUALITY CERTIFICATION FOR PROPOSED RAIL AND TIMBER STRUCTURES (7 STRUCTURES) AND FIVE YEAR MAINTENANCE PROJECT (Corps' Project No. SPL-2010-00156), CITIES OF TUJUNGA, LAKE VIEW TERRACE, CASTAIC, CHATSWORTH, AND SAN MARTINEZ CANYON, LOS ANGELES COUNTY (File No. 10-025)

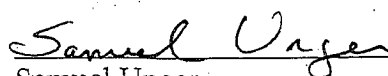
Dear Mr. Vander Vis:

Board staff has reviewed your request on behalf of County of Los Angeles Department of Public Works (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on September 27, 2010.

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.

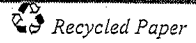
The Applicant shall be liable civilly for any violations of this Certification in accordance with the California Water Code. This Certification does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this Certification action, please contact Valerie Carrillo, Lead, Section 401 Program, at (213) 576-6759.

  
\_\_\_\_\_  
Samuel Unger  
Executive Officer

11-1-10  
Date

*California Environmental Protection Agency*



*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

## DISTRIBUTION LIST

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Jim Bartel  
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**ATTACHMENT A**

**Project Information**

**File No. 10-025**

1. Applicant: Art Vander Vis  
County of Los Angeles, Dept. of Public Works  
10179 Glenoaks Blvd.  
Sun Valley, CA 91352  
  
Phone: (818) 896-0594 Fax: (818) 899-1352
2. Applicant's Agent: Jemellee Cruz  
Los Angeles County Department of Public Works  
900 S. Fremont Blvd., Annex 2<sup>nd</sup> Floor  
Alhambra, CA 91803  
  
Phone: (626) 458-4170 Fax: (626) 458-4150
3. Project Name: Seven Rail & Timber Structures and Five Year Maintenance
4. Project Location: Tujunga, Lake View Terrace, San Martinez Canyon, Castaic, and Chatsworth, Los Angeles County

**MAREK FIRE**

Kagel Canyon

Latitude

34.3014

Longitude

118.3770

Lopez Canyon

Latitude

34.3031

Longitude

118.3984

**RANCH FIRE**

Val Verde C

Latitude

34.4500

Longitude

118.36831

Val Verde D

Latitude

34.34510

Longitude

118.6740

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Violin Canyon E

Latitude

34.5116

Longitude

118.6531

Violin Canyon F

Latitude

34.5109

Longitude

118.6534

SESNON FIRE

Browns Canyon

Latitude

34.2745

Longitude

118.5918

5. Type of Project: Five-Year Maintenance and Removal of Rail and Timber Structures

6. Project Purpose: The proposed project is for the maintenance of seven (7) rail and timber structures within fire burned areas impacted by the Station, Marek, Sayre, Sesnon, Ranch, and Val Verde Fires. The 7 structures are at the following locations: Kagel Canyon; Lopez Canyon; Val Verde C; Val Verde D; Violin Canyon E; Violin Canyon F; and Browns Canyon.

7. Project Description: The Los Angeles County Flood Control District (LACFCD) built temporary Rail and Timber Structures (R&T Structures ) downstream of fire-burned canyon areas within the past 4 years to prevent debris and mudflows from inundating and damaging downstream properties. These structures were all placed as emergency measures through the US Army Corps of Engineer's RGP 63 emergency permitting process. The structures need to be removed after 5 years to comply with agreements made with private homeowners and the conditions of the RGP 79.

The LACFCD will maintain seven (7) R&T Structures by removing accumulated sediment and debris behind each structure, and maintaining the structure itself (i.e., replacing/restoring any damaged planks, etc.) on an as-needed basis within the next 5 years.

Since these structures can only provide certain protection and capacity, it is critical to regularly remove the sediment and debris from behind the structures before or after each storm. Maintaining

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### Project Information File No. 10-025

the structure itself is also important so it functions effectively.

Access behind the structures will be either by an existing access ramp or by creating a pathway on the side of the structure for equipment access. During the maintenance clearing, trucks used to haul the materials will be waiting on the downstream end of the structure.

8. Federal Agency/Permit: U.S. Army Corps of Engineers  
Regional General Permit (RGP) No. 79 (Permit No. SPL-2010-00156)
9. Other Required Regulatory Approvals: California Department of Fish and Game  
Streambed Alteration Agreement (1600-2009-0287-R5 Amendment No. 3)
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: Val Verde Creek (Hydrologic Unit No. 403.51)  
Kagel Canyon Creek (Hydrologic Unit No. 405.23)  
Lopez Canyon Creek (Hydrologic Unit No. 405.21)  
Violin Canyon (Hydrologic Unit No. 403.51)  
Browns Canyon Creek (Hydrologic Unit No. 405.21)
12. Designated Beneficial Uses:
- Val Verde  
MUN\*, IND, PROC, AGR, GWR, FRSH, REC-1, REC-2, WARM, WILD, RARE, WET  
\*Conditional beneficial use
- Kagel Canyon Creek  
MUN\*, GWR, REC-1, REC-2, WARM, WILD  
\*Conditional beneficial use
- Lopez Canyon Creek  
MUN\*, GWR, REC-1, REC-2, WARM, WILD  
\*Conditional beneficial use

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Violin Canyon

MUN\*, IND, PROC, AGR, GWR, FRSH, REC-1, REC-2,  
WARM, WILD, RARE, WET

\*Conditional beneficial use

Browns Canyon Creek

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

\*Conditional beneficial use

13. Impacted Waters of the  
United States:

Non-wetland waters (vegetated streambed):

Kagel Canyon: 2.54 temporary acres (25,000 cy\*)

Lopez Canyon: 0.18 temporary acres (4,800 cy\*)

Val Verde C: 0.87 temporary acres (21,000 cy\*)

Val Verde D: 0.62 temporary acres (20,700 cy\*)

Violin Canyon E: 0.77 temporary acres (13,600 cy\*)

Violin Canyon F: 1.23 temporary acres (20,200 cy\*)

Browns Canyon: 0.46 temporary acres (4,000 cy\*)

\*Estimated 100% design capacity

14. Dredge Volume:

None

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

The Applicant has installed/constructed these Rail and Timber Structures within the last 3-4 years. These structures were all placed in downstream areas of burned watersheds as emergency measures through the Corps of Engineer's RGP 63 emergency permitting process. The structures need to be removed after 5 years to comply with agreements made with private homeowners and the conditions of the RGP 79. Private homeowners may agree that the concrete foundation be left in place, and appropriate notifications would be made according to the RGP 79 requirements and required approval from other agencies would be sought.

16. Avoidance/  
Minimization  
Activities:

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

- For structures that have existing access roads/ramps adjacent to the structures, minimal impact will take place by staging the equipment with a long reach bucket on the existing access ramp. Materials will be removed by the equipment scooping the accumulated materials from behind the structure directly onto a

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waiting dump truck on the downstream end of the structure.

- Removed sediment, debris, trash, and mudflows will be hauled off-site.
- Appropriate nesting bird surveys will be conducted by qualified biologists when sediment removal activities are conducted during the nesting season, March 15 through September 1.

17. Proposed  
Compensatory  
Mitigation:

The Applicant has not proposed any compensatory mitigation as these areas are only temporarily impacted for the removal of sediment, behind emergency structures.

18. Required  
Compensatory  
Mitigation:

The Regional Board will not be requiring any additional compensatory mitigation due to the emergency nature of the project and minimal impacts.

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. 10-025

#### 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.



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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 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.

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13. 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.
14. 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.
15. 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.
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:

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- 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. **The restoration shall take place upon completion of the last maintenance during the 5-year maintenance period. Restoration shall include restoring the channel to pre-fire existing conditions and re-vegetating the area with native species.** The Applicant shall implement all necessary Best Management Practices to control erosion and runoff from areas associated with this project.
20. The Applicant shall submit to this Regional Board **Annual 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 restoration has been completed 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 restoration site conditions;
  - (b) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project areas;
  - (c) The overall status of project including a detailed schedule of work;

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### Conditions of Certification File No. 10-025

- (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.
21. 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.
22. 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.
23. 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,

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Conditions of Certification  
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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)"

24. All communications regarding this project and submitted to this Regional Board shall identify the Project File Number **10-025**. Submittals shall be sent to the attention of the 401 Certification Unit.
25. 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.
26. 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 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.
27. 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.
28. 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.

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#### 29. *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.
30. 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.