

EDMUND G. BROWN, JR.  
GOVERNOR

MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

Ms. Patricia Wood  
Los Angeles County Flood Control District  
900 S. Fremont Ave.  
Alhambra, CA 91803

VIA CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
No. 7008 1140 0002 8671 9684

**TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION FOR PROPOSED TUJUNGA SPREADING GROUNDS INTAKE IMPROVEMENTS PROJECT (Corps' Project No. 2016-00196-LS), TUJUNGA WASH, CITY OF LOS ANGELES, LOS ANGELES COUNTY (File No. 16-022)**

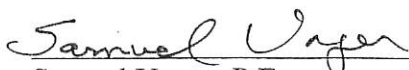
Dear Ms. Wood:

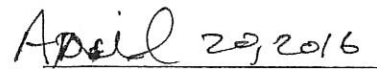
Board staff has reviewed your request on behalf of Los Angeles County Flood Control District (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on March 3, 2016.

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.

**Please read this entire document carefully.** 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 CarrilloZara, P.G., Lead, Section 401 Program, at (213) 576-6759.

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

  
\_\_\_\_\_  
Date

## DISTRIBUTION LIST

Belinda Kwan  
Los Angeles County Flood Control District  
900 S. Fremont Ave.  
Alhambra, CA 91803

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State Water Resources Control Board  
Division of Water Quality  
P.O. Box 944213  
Sacramento, CA 94244-2130

Matt Chirdon (via electronic copy)  
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Streambed Alteration Team  
3883 Ruffin Rd Suite A  
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U.S. Environmental Protection Agency, Region 9  
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G. Mendel Stewart  
Johnathan Snyder  
U.S. Fish and Wildlife Service  
2177 Salk Ave.  
Carlsbad, CA 92008

**ATTACHMENT A**

**Project Information  
File No. 16-022**

1. Applicant: Los Angeles County Flood Control District  
900 S. Fremont Ave.  
Alhambra, CA 91803  
Phone: (626) 458-6131 Fax: (626) 979-5436
2. Applicant's Agent: Belinda Kwan
3. Project Name: Tujunga Spreading Grounds Intake Improvements
4. Project Location: Tujunga Wash, Los Angeles County

<u>Latitude</u>	<u>Longitude</u>
34.2268235	118.4185436
34.2268782	118.4184688
34.2270833	118.4186906
34.2270269	118.4187592
34.2314692	118.4121820
34.2314438	118.4122168
34.2315680	118.4123475
34.2315933	118.4123126

5. Type of Project: Intake structure improvements
6. Project Purpose: The purpose of the project is to construct two new diversion gates and intake structures into the spreading grounds downstream of the existing rubber dam and intake structure. This will increase the spreading grounds' intake capacity, allow the facility to capture stormwater downstream of the channel's confluence with Pacoima Wash Channel, and ultimately increase the amount of water conserved at the spreading grounds.
7. Project Description: The project includes constructing two new sets of diversion gates and intake structures within Tujunga Wash Channel, thus increasing the intake capacity of the spreading grounds and increasing water conservation. In addition, control houses will be constructed along the access road adjacent to the channel to house the controls to operate the diversion gates and intake structures.

Diversion Gate Construction

Diversion gates will be installed at two locations within Tujunga Wash Channel. The diversion gates will consist of inflatable

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bladders with a hinged steel plate on the upstream side. At Intake No. 2, a 14-foot long section of the existing 60-foot wide concrete lined channel will be removed and reconstructed and a 6-foot high diversion gate will be embedded into the new concrete section. At Intake No. 3, a 14-foot long section of the existing 100-foot wide concrete lined channel will be removed and reconstructed and a 6-foot high diversion gate will be embedded into the new concrete section.

#### Intake Structure Construction

Intake structures will be constructed immediately upstream of each diversion gate. For both intake structures, 22.5 linear feet of the existing concrete channel wall will be removed and reconstructed with a 16.5-foot by 7-foot opening for the trash rack. Two 5-foot by 5-foot slide gates will be located in each intake structure, opening to a transition structure to be constructed to connect to the existing 84-inch diameter reinforced concrete pipes in the spreading grounds. The intake structures are located outside of waters.

#### Control Houses

Control houses and flow meters will be constructed along the access road adjacent to the channel near the location of each new intake structure. The alignment of the existing paved access road will be shifted slightly away from the channel to avoid the intake structures. The control houses, flow meters, and access road are located outside waters.

Construction may require the use of a concrete mixer, concrete vibrator, concrete drill, compactor, concrete saw, jackhammer, concrete truck, and backhoe loader. Construction for the project is expected to begin in spring 2017 and take 120 working days. All construction within the channel will be completed within the dry season between April 15 and October 15.

189 cubic yards of concrete will be used to reconstruct the channel to its existing dimensions.

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|--|--|
| 8. Federal Agency/Permit:                  | U.S. Army Corps of Engineers<br>Permit No. 2016-00196-LS                     |
| 9. Other Required<br>Regulatory Approvals: | California Department of Fish and Wildlife<br>Streambed Alteration Agreement |

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10. California Environmental Quality Act Compliance: The Los Angeles Department of Water and Power approved the project's Final Environmental Impact Report (SCH No. 2012021028) on June 7, 2013.
11. Receiving Water: Tujunga Wash (Hydrologic Unit Code: 180701050208)
12. Designated Beneficial Uses: MUN\*, GWR, REC-1, REC-2, WARM, COLD, WILD  
\*Conditional beneficial use
13. Impacted Waters of the United States: Concrete-lined channel: 0.05 permanent acres (28 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 to avoid or minimize impacts, including, but not limited to, the following:
- Work activities and footprints have been minimized to the greatest extent possible and will be conducted only within the approved boundary.
  - Equipment access to the work area within the channel will be limited to the downstream concrete lined channels. The concrete mixer will be placed outside of the channel.
  - The staging area will be located outside of the WOUS and CDFW jurisdictional area.

The contractor will follow County of Los Angeles Department of Public Works' Standard Specifications and Construction Site Best Management Practices (BMPs) Manual pertaining to project site maintenance and construction activities. Public Works' Construction Site BMPs Manual (manual) was one that was developed specifically to comply with the conditions of the MS4 Permit the RWQCB issued to Public Works. Specific Fact Sheets contained in the manual are identified herein. The proposed BMPs

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employed for the project include but are not limited to the following:

- Trash, debris, and refuse will be removed and disposed of according to local waste refusal programs.
- The equipment used during construction will not be stored or maintained in the streambed or channel.
- Construction/Installation activities with the potential of impacting WOUS or CDFW jurisdictional areas will occur during clear weather forecasts.
- Construction within the channel will be prohibited during the rainy season (October 15 through April 15).
- No construction-related materials such as waste, spills, or residue will be discharged from the project site to drainage facilities, receiving waters, or adjacent property by wind or runoff.
- All vehicles including equipment will be maintained and checked prior to entering the worksite, to ensure no oil, petroleum byproducts, and/or exotic specimen will enter the streambed.
- Concrete removal management will be implemented to properly dispose of concrete.
- A water truck will be used to control dust during grading activities.

17. Proposed  
Compensatory  
Mitigation:

The Applicant has not proposed any compensatory mitigation.

18. Required  
Compensatory  
Mitigation:

Since the project impacts only alter concrete structures within a concrete-lined channel, and do not change acreage of Waters of the US or State the Regional Board will not require any compensatory mitigation.

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

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### Conditions of Certification File No. 16-022

#### 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. 16, are incorporated as additional conditions herein.
5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, the approved Construction Plan, 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.
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 target species and habitat. All pesticides directed toward aquatic species must be approved



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by the Regional Board. Pesticide utilization shall be in accordance with State Water Resources Control Board Water Quality Order Nos. 2011-0003-DWQ, for Aquatic Animal Invasive Species Control; 2011-0004-DWQ, for Spray Applications; 2011-0002-DWQ, for Vector Control; and 2013-0002-DWQ, for Weed Control.

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 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.
17. 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.
18. All 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.
19. 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.

20. 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.
21. The Applicant shall submit to this Regional Board a **Final Monitoring Report** by **January 1<sup>st</sup>** of the year following project completion. The Final Report shall describe in detail all of the project/construction activities performed during the previous year and all restoration and mitigation efforts. At a minimum the Final Report shall include the following documentation:
  - (a) Color photo documentation of the pre- and post-project site conditions;
  - (b) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project areas;
  - (c) Copies of all permits revised as required in Additional Condition 1;
  - (d) Water quality monitoring results for each reach (as required) compiled in a spreadsheet format;



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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. R4-2012-0175. 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. 2012-0011-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.
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

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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 at least 90 days prior to termination of this Certification if renewal is requested.

