

SECTION 401 WATER QUALITY CERTIFICATION PUBLIC WORKS

Applications for the following projects are currently reviewed for consideration of Water Quality Certification under Section 401 of the Clean Water Act. If you wish to be informed of the status and/or final certification action on any of these projects and/or further information, please contact Valerie Carrillo at (213) 576-6759.

Project descriptions included here are provided by the applicant.

We encourage public input during the certification process. Comments on any of these projects may be submitted in writing to:

Los Angeles Regional Water Quality Control Board
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
Attn: 401 Certification Unit

File No: 09-181

Project Proponent: Los Angeles County Department of Public Works - Albert Anidi

Agent:

Project Name: Santa Clara River South Fork Private Drain No's 725 and 1300

Receiving Waters: South Fork Santa Clara River

City/County: Santa Clarita/Los Angeles

Project Status: Pending Review

Public Notice: 9/10/2009 to present

Public Description: The proposed project is located in the City of Santa Clarita and consists of maintaining flood control facilities in the South Fork of the Santa Clara River. The maintenance involves the stretch of the river between Orchard Village Road and Lyons Avenue, referred to as Private Drain No. 725 and approximately 300 feet south of Magic Mountain Parkway, referred to as Private Drain No. 1300. At Private Drain No. 725 (between Orchard Village Road and Lyons Avenue), the project consists of the repair of four existing drop structures, the construction of access ramps, and the construction of four equipment access ramps across the drop structures. Drop Structure 1 is just south of Orchard Village Road and Drop Structure 5 is just north of Lyons Avenue. At Drop Structures 1 and 2, a 4-foot deep by 35-foot long portion of the top and 8 inches from the bottom sills will be removed and reconstructed. At Drop Structures 1 through 4, approximately 18 inches from the top sill will be removed and reconstructed, and equipment access ramps constructed from the top sill to the bottom sill of each drop structure. Repair of the drop structures will require excavation of approximately 410 cubic yards of material within the channel. The project also includes construction of two invert access ramps from the access road to the channel bottom near Drop Structures 1 and 5. Construction of the access ramps will require removal of approximately seven trees along the channel bank; excavation of approximately 1,120 cubic yards of material; and backfilling of approximately 510 cubic yard of material. At Private Drain No. 1300 (near Magic Mountain Parkway), the proposed project consists of constructing an approximately 12 to 14-foot wide by 8-inch thick reinforced concrete invert access ramp to extend the existing ramp on the concrete slope to the soft bottom of the channel. It will extend the existing access ramp on the westerly bank of the river to the channel invert to both upstream and downstream of the existing drop structure in the channel. Construction of the project will provide the necessary invert access and improve maintenance operations in the riverbed. The access ramp will be extended approximately 35 feet downstream in the channel requiring removal of one 18-inch diameter tree within the channel invert. Construction of the access ramp will require the excavation of approximately 260 cubic yards of material.

File No: 09-182

Project Proponent: Grady Dagnan

Agent: Charlotte Ramos

Project Name: Dagnan Barn

Receiving Waters: Unnamed tributary to Spade Spring Cyn

City/County: Agua Dulce/Los Angeles

Project Status: Pending Review

Public Notice: 9/17/2009 to present

Public Description: Grading, building pre-fabrication 50' x 40' steel building on concrete pad. Low impact.

File No: 09-183

Project Proponent: Triunfo Trust - Kerry Giannantonio

Agent: LC Engineering Group - Lennire Liston

Project Name: Triunfo Trust

Receiving Waters: Triunfo Creek

City/County: Agoura Hills/Los Angeles

Project Status: Pending Review

Public Notice: 9/21/2009 to present

Public Description: Existing 13' wide Arizona crossing concrete access road, approximately 80' in length, will be widened to 20'. Construction consists of installation of large volcanic bedrock boulders and smaller 12" diameter rocks grouted in place, to support the new 20' wide, 6" thick reinforced concrete crossing structure. The crossing height/elevation is increased by a maximum 30". Three (3) 20" diameter HDPE pipes will be installed allowing water flow through the structure; the bottom of the pipes will be flush with top of existing 13' wide crossing, such that the water level and seasonal creek flow is not impacted or obstructed due to the crossing improvements. See Figures 3 and 4 attached hereto.

File No: 09-184

Project Proponent: City of LA Department of Public Works - Bryan Choorut

Agent:

Project Name: Colfax Ave Bridge over LA River Replacement, Bridge No. 53C1141

Receiving Waters: LA River, Long Beach Harbor, Pacific Ocean

City/County: Los Angeles/Los Angeles

Project Status: Pending Review

Public Notice: 9/22/2009 to present

Public Description: Upon completion of traffic mitigation measures along the detour routes, Colfax Avenue will be closed to traffic at the bridge site and the existing bridge will be demolished. Protection for the concrete river channel will be installed covering the flow in the low-flow channel. The existing deck and sidewalk will be removed from the bridge using equipment located on the bridge. The approach spans will be dismantled, lowered to the ground outside the river channel and processed for removal from the site. Portions of the truss will be dismantled so the remaining truss structure will progressively settle onto temporary false work in the river channel, where it will be further dismantled to segments suitable to haul from the site. The existing concrete abutments will then be broken up using a hoe ram and hauled from the site.

New foundations for the replacement bridge consist of 72 inch diameter CIDH piles, six for each abutment and each pier installed outside the concrete river channel on both sides. A single reinforced concrete pile cap will cover the abutment and pier piles on each side. The cast-in-place reinforced concrete abutment walls will then be constructed on the pile caps. Since foundation construction occurs completely outside the river channel, the work may be performed during the rainy season.

Temporary false work for supporting the formwork for the cast-in-place concrete arched box girder superstructure will then be installed from abutment to abutment, including within the concrete river channel. The superstructure will be formed, reinforced, cast, finished, cured and then post-tensioned once the concrete reaches strength. Subsequent to post-tensioning the temporary false work is removed. The abutments are then backfilled and the sidewalks, railings, lighting and other aesthetic features of the bridge are completed and the approach roadways reconstructed to tie into the wider bridge deck. There are no utilities on the existing bridge so relocations are not required for this project. Construction staging will occur in a portion of Colfax Avenue closed to traffic immediately north of the bridge.

Construction vehicles will access the maintenance road along the north side of the river channel by an existing maintenance driveway from Colfax at the northwest corner of the bridge. Materials and small equipment needed in the river channel will be lowed by crane; no vehicles will need to access the concrete-lined river channel. The area disturbed by construction activities would be limited to the area beneath the bridge and extending approximately 15 feet on either side of the replacement bridge.

File No: 09-189

Project Proponent: Ron Cottriel

Agent: SECSC - Jennifer Swihart

Project Name: Angeles Shooting Ranges

Receiving Waters: Hansen Reservoir

City/County: Sylmar/Los Angeles

Project Status: Pending Review

Public Notice: 9/28/2009 to present

Public Description: The project is located at an open shooting range complex. At one of the ranges, the applicant is obtaining the necessary permits to construct an open metal structure to provide shade for the shooters. In order to build this structure, the applicant is required to perform grading that includes the removal and recompaction of artificial fills located beside the natural stream. The fill will be sloped down towards the stream and, thus, must be protected from erosion due to the water running through the stream. The scope of the project is, then, to channelize the stream with concrete and add rip rap at the two locations in which runoff enters the stream. Upstream, a 3' wide by 1.5' deep by 210' long and 12" thick concrete v-swale will be installed which will convey the water around the shooting berm with a 3' tall x 28' long CMU splashwall and down into the stream with rip-rap at the juncture. The rip rap to be used covers an area 684 sq. ft. and is composed of 6" rock embedded 2" into 6" thick concrete. The water will then continue to flow through the stream which will be lined with 1' thick gunite concrete for a depth of 3', a width of 9' and a length of 385 ft. Surface runoff that ordinarily ran directly into the stream from adjacent hills will now be conveyed through pipes and drain into the stream at the side slope, where rip-rap will also be used to dissipate the flow. This rip-rap will be the same as the one upstream. Approximately, 255 cubic feet of concrete will be used and 25 cubic yards of 6" rock, as well as 95 units of 16"x8"x8" CMU.