



# SPECIAL PUBLIC NOTICE

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## **PROPOSAL TO DREDGE CARBON CANYON LAKE AT BREA, CALIFORNIA**

**U.S. ARMY CORPS OF ENGINEERS  
LOS ANGELES DISTRICT**

**BUILDING STRONG®**

**Public Notice No.: SPL-2014-CHB-13  
Comment Period: July 25-August 9, 2014  
Project Manager: Carvel Bass**

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This is to inform the general public that the United States Army Corps of Engineers, Los Angeles District (Corps) is inviting the general public to submit comments on potential environmental impacts that could result from implementation of the proposal to dewater and dredge Carbon Canyon Lake at Carbon Canyon Regional Park (County).

Currently, the lake has diminished water quality and reduced capacity preventing it from being stocked with fish to provide recreational fishing opportunities by park visitors.

A 15-day public comment period for this proposal will extend from July 25-August 9, 2014, and the Corps and County will consider all comments received on or postmarked by August 9.

**Proposal Title                      Carbon Canyon Lake Dredge - Proposed**

### **Location and Background**

Carbon Canyon Regional Park, leased to the County of Orange from the Corps of Engineers, is located in the City of Brea and is bounded by Olinda Regional Park to the north, Valencia Avenue to the west, and Chino State Park to the southeast. The Lake is irregular in shape and covers approximately 4 acres with a perimeter of 2,000 linear feet. The facility receives overland stormwater flows as storm sheetflows move downstream, prior to the water's impoundment at, or discharge through, the dam. Carbon Canyon Lake is currently in a degraded condition due to excessive sediment deposits, resulting in poor water circulation and a loss of suitable habitat for the resident fish (carp). The Lake is one of two major recreational fishing lakes managed by the Orange County parks system.

The lake was last dredged in 1997. It was designed to be approximately 7 feet deep and is currently less than 1 foot deep at the center. It is estimated that approximately 9500 cubic yards of sand and silt material needs to be removed. The dredge project could begin in early September, 2014.

Excavated material would be evacuated with excavation equipment, either first to a temporary location within the park or, if immediately dry enough, would be trucked directly to its final destination at the nearby Brea-Olinda landfill. The proposed temporary placement location, shown in the accompanying figure, is the Park's lower (*overflow*) parking lot, located south and distant of the Park's developed (playground, restroom, picnic) areas. If temporary stockpiling is found to be necessary, the temporary stockpile location shall be lined with a temporary impermeable barrier (plastic liner) to prevent water from infiltrating into ground soils, as well as circled by a gravel-bag barrier to encompass the stockpile so that any water still contained in excavated soils lake shall thus be contained. In addition, a gravel-bag barrier along the western edge of the paved parking lot would also be in place to contain remaining water and thus prevent run-off to the wetland creek adjacent to the Park's western edge. Access to the stockpile location is provided only by internal park roads. The Park is open from 6:00 A.M. to 9:00 P. M. during summer months and proposed construction hours would be from 8:00 A.M. to 5:00 P.M. to reduce potential noise impacts to adjacent land owners and wildlife.

Proposed construction Exhibits A and B are provided. Exhibit A shows route of the construction vehicles, erosion control/containment, protection in place of Irrigation lines and concrete walkways, proposed stockpile area (if needed), construction entrance plates (to loosen material from the tire tread, frames, and dump gates), security fencing. Exhibit B shows the Construction Footprint which would be inaccessible to Park Visitors during the construction phase which is anticipated to run from Late August thru September 30, 2014.

Use of the lower/overflow parking lot is occasional and a lesser extent than at other of the Park's parking areas, which total 212 asphalt parking spaces. The lower, dirt-surfaced parking area contains 100 spaces and would be unavailable during the approximately 4-week active construction period. On a typical weekday, the Park receives approximately 50 visitors; no construction activities would occur on weekends or holidays when the park visitor volume is greatest.

This proposal was scoped to result in minimal environmental impact and in no significant adverse impacts to the human environment or to natural or physical resources, including to listed species or to Waters of the U.S. The County's recreation lease with the Corps directs the County to be responsible for operation, maintenance and replacement without cost to the Government, of all facilities developed to support project recreation opportunities. The following notification is being provided at locations within the Park:

#### ***Carbon Canyon Regional Park Lake Restoration***

*On July 14, 2014, preparation began to restore Carbon Canyon Regional Park's 4-acre lake to its original condition. Currently, the lake has diminished water quality and reduced capacity preventing it from being stocked with fish to provide recreational fishing opportunities by park visitors. It has been 17 years since the last maintenance episode to clear silt buildup in the manmade lake which serves as an important recreational feature in Carbon Canyon Regional Park. Rainstorm runoff following wildfires has caused the accumulation of silt, currently estimated at 9,500 cubic yards.*

*The excavation of the lake involves draining the lake of its water to allow heavy equipment to remove the soil. A 6-foot temporary fence will be placed around the perimeter of the lake to secure the project and to ensure the public's safety.*

*The next step in this project will occur at the end of August 2014. At that time the silt remaining in the lake will be excavated from the basin and transported to a nearby landfill or other approved location. When this step is complete the lake will be refilled with water.*

*OC Parks regularly has maintenance projects, big and small, ongoing in its 26 park facilities throughout the year. Additionally, many of the projects involve numerous parties, including governmental agencies, contractors, project managers, park managers, park rangers and maintenance staff to coordinate and execute the planned work.*

*Timing of the excavation of the lake was critical and it was necessary to commence the current project immediately. The above project is estimated to last until the end of September 2014. At that time, please check with the park office for information concerning a planned celebration at Carbon Canyon Regional Park of the revitalized lake to include new fish stock and the return of our wild fowl.*

## **Public Involvement**

The Corps invites the general public to submit comments on potential environmental impacts that could result from implementation of the proposal. The public comment period for the proposal described above will extend from July 25-August 9, 2014, and the Corps will consider all submissions received on or postmarked by August 9. Please direct any emailed or written comments to Carvel Bass, at [carvel.h.bass@usace.army.mil](mailto:carvel.h.bass@usace.army.mil) or at 915 Wilshire Boulevard, Ste. 11098, Los Angeles, CA, 90017. If you have questions or would like additional information, please contact Carvel Bass, Ecologist, Asset Management Division, US Army Corps of Engineers, at (213) 452-3392.

The Corps and County will actively consider any comments timely received. Following the 15-day comment period, the results of this consideration would be reflected in a memorandum for record placed in the Administrative Record.