
Central Valley Regional Water Quality Control Board

9 September 2016

Mr. Clinton Elsholz
California State Parks
13300 White Rock Road
Rancho Cordova, CA 95742

CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; CALIFORNIA STATE PARKS, PRAIRIE CITY SEDIMENT BASIN ROUTINE MAINTENANCE PROJECT (WDID#5A34CR00667), RANCHO CORDOVA, SACRAMENTO COUNTY

This Order responds to the 10 August 2016 application submitted by California State Parks (Applicant) for the Water Quality Certification of a routine sediment basin maintenance project permanently impacting 4,062 cubic yards of waters of the United States.

This Order serves as certification of the United States Army Corps of Engineers' Nationwide Permit# 43 (Non-Reporting) under Section 401 of the Clean Water Act, and a Waste Discharge Requirement under the Porter-Cologne Water Quality Control Act.

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. This Order serves as a Water Quality Certification (Certification) action that is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section 13330 of the California Water Code and Section 3867 of the California Code of Regulations (CCR).
2. This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility 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 Section 3855(b) of the California Code of Regulations, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. The validity of any non-denial certification action shall be conditioned upon total payment of the full fee required Section 3833 of the California Code of Regulations.
4. This Certification is no longer valid if the project (as described) is modified, or coverage under Section 404 of the Clean Water Act has expired.

5. All reports, notices, or other documents required by this Certification or requested by the Central Valley Water Board shall be signed by a person described below or by a duly authorized representative of that person.
 - a. For a corporation: by a responsible corporate officer such as (1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (2) any other person who performs similar policy or decision-making functions for the corporation; or (3) the manager of one or more manufacturing, production, or operating facilities if *authority* to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - b. For a partnership or sole proprietorship: by a general partner or the proprietor.
 - c. For a municipality, State, federal, or other public agency: by either a principal executive officer or ranking elected official.

6. Any person signing a document under Standard Condition No. 5 shall make the following certification, whether written or implied:

"I certify 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

NOTIFICATIONS AND REPORTS:

1. The Applicant shall notify the Central Valley Water Board within 7 days of the project completion.
2. The Applicant shall provide the Central Valley Water Board Contact indicated in this Certification a Notice of Completion (NOC) no later than 30 days after the Project completion. The NOC shall demonstrate that the project has been carried out in accordance with the project description in the Certification and in any amendments approved. The NOC shall include a map of the project location(s), including final boundaries of any on-site restoration area(s), if appropriate, and representative pre and post construction photographs. Each photograph shall include a descriptive title, date taken, photographic site, and photographic orientation
3. The Applicant shall submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleyredding@waterboards.ca.gov. In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID number as shown in the subject line above. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

Guy F. Chételat, P.G., Redding Branch Office, 364 Knollcrest Drive, Suite 205, Redding, California 96002, gchetelat@waterboards.ca.gov, (530) 224-4997

WATER QUALITY CERTIFICATION:

I hereby issue an Order certifying that any discharge from the Applicant, Prairie City Sediment Basin Routine Maintenance Project (WDID# 5A34CR00667) will comply with the applicable provisions of Section 301 ("Effluent Limitations"), Section 302 ("Water Quality Related Effluent Limitations"), Section 303 ("Water Quality Standards and Implementation Plans"), Section 306 ("National Standards of Performance"), and Section 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Resources Control Board Water Quality Order No. 2003-0017 DWQ "Statewide General Waste Discharge Requirements For Dredged Or Fill Discharges That Have Received State Water Quality Certification (General WDRs)."

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in compliance with conditions of this Certification, the Applicant's application package, and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the *Water Quality Control Plan for the Sacramento River Basin and the San Joaquin River Basin, Fourth Edition, revised April 2016* (Basin Plan).

Any person aggrieved by this action may petition the State Water Quality Control Board to review the action in accordance with California Water Code Section 13320 and California Code of Regulations, title 23, Section 2050 and following. The State Water Quality Control Board must receive the petition by 5:00 p.m., 30 days after the date of this action, except that if the thirtieth day following the date of this action falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Quality Control Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.


(for) Pamela C. Creedon
Executive Officer

GC:sjs

Enclosure: Water Quality Order No. 2003-0017 DWQ

cc w/o Ms. Mary Pakenham-Walsh, U.S. Army Corp of Engineers, Sacramento
enclosures: Department of Fish and Wildlife, Region 2, Rancho Cordova
U.S. Fish and Wildlife Service, Sacramento
Mr. Bill Jennings, CALSPA, Stockton

cc w/o
enclosures Mr. Bill Orme, SWRCB, Certification Unit, Sacramento
by email: U.S. EPA, Region 9, San Francisco

PROJECT INFORMATION

Application Date: 10 August 2016

Application Deemed Complete: 12 August 2016

Applicant: Mr. Clinton Elsholz
California State Parks
13300 White Rock Road
Rancho Cordova, CA 95742

Project Name: Prairie City Sediment Basin Routine Maintenance Project

Application Number: WDID No. 5A34CR00667

Type of Project: Ecological Aquatic/Stream/Habitat Restoration

Project Location: Section 25, Township 09 North, Range 07 East
Latitude: 38°36'26" and Longitude: -121°09'12"

County: Sacramento County

Receiving Water(s) (hydrologic unit): Coyote Creek, which is tributary to American River.
Valley-American Hydrologic Unit-Lower American Hydrologic Subarea No. 519.21

Water Body Type: Streambed

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River Basin and the San Joaquin River Basin, Fourth Edition, revised April 2016* (Basin Plan) has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include, but are not limited to: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Industrial Supply (IND); Hydropower Generation (POW); Groundwater Recharge (GWR); Water Contact Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD); Preservation of Biological Habitats of Special Significance (BIOL); Rare, Threatened, or Endangered Species (RARE); Migration of Aquatic Organisms (MIGR); Spawning, Reproduction, and/or Early Development (SPWN); and Wildlife Habitat (WILD). A comprehensive and specific list of the beneficial uses applicable for the project area can be found at http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml.

303(d) List of Water Quality Limited Segments: Coyote Creek is the receiving water for the Prairie City Sediment Basin Routine Maintenance Project. This project does not impact an already impaired water body. The most recent list of approved water quality limited segments is found at: http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml.

Project Description (purpose/goal): The Prairie City Sediment Basin Routine Maintenance Project is located at 13300 White Rock Road, Rancho Cordova. The project consists of maintenance work on ten sediment basins within the Park that reduce sediment transport in stormwater runoff and protect the water quality of Coyote Creek and its receiving waters.

Disturbed and eroded sediment captured by the basins settle out of the water column and accumulate at the bottom of the basins and the rock-lined channels that connect them. Over time this accumulation reduces storage capacity and water retention. In addition, during the rainy season, undersized basins lose water from their auxiliary spillways, rather than their principal spillways. To address these issues, the proposed maintenance work would remove sediment from the basins and actively manage stormwater through inter-basin water transfers and surface reallocation. The work would occur annually during two seasonal intervals, summer and winter, and would not expand the original design capacities of the stormwater management facilities. The Project Area is defined as the area encompassing 20 feet around each of the stormwater management facilities as well as areas used for access routes and staging. Routine maintenance of these facilities is essential to preserving their operating effectiveness.

During the dry summer months annual maintenance of the sediment basins would include the removal of accumulated sediment from the basin bottoms. Sediment may also be removed from six rock-lined channels in the pro track facility that convey run-off between culverts that connect Project basins. No sediment removal would occur while water is present in any of these features. Before sediment removal, dewatering of basins that do not dry out naturally would be conducted, if needed. Water drawn off from the basins may be used as a dust suppressant on tracks throughout the Park, sprayed on vegetated areas, or transferred to other basins that either have capacity or are not going to be cleaned out. During this sediment removal, water would not be released from the basins into connecting water features as the basins would be dry or mostly dry due to siphoning. Removed sediment would be stockpiled on-site away from water bodies and re-utilized for trail maintenance and hillside restoration projects within the Park. Basin maintenance would be on a rotational schedule in which one set of basins would be cleaned out during a given summer followed by a different set of basins being cleaned out the subsequent summer.

During the rainy winter season, basins approaching full capacity may be pumped to relocate water to basins with surplus volume. This transfer of water would serve to increase water retention at the site and allow additional time for particles to settle out of the water column. Basins included in this pumping program would be limited to Basins 3D, 3E and 3F. One basin would be pumped at a time. In addition, any basin approaching full capacity may be siphoned. The removed water would be pumped into a water truck and then sprayed onto vegetated areas throughout the Park or used as a dust suppressant on track facilities. This practice would serve to increase basin capacity and increase retention while utilizing existing vegetation to filter stormwater sediments. The project will permanently impact 4,062 cubic yards of waters of the United States.

Preliminary Water Quality Concerns: Construction activities including soil disturbance, excavation, cutting/filling, and grading activities could result in increased erosion and sedimentation and may impact surface waters with increased turbidity, settleable matter, temperature, pH and dissolved oxygen.

Proposed Mitigation to Address Concerns: The Applicant will implement Best Management Practices (BMPs) to control sedimentation and erosion. All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities. The Applicant will conduct turbidity, settleable matter, temperature, pH, and dissolved oxygen testing during in-water work, stopping work if Basin Plan criteria are exceeded or are observed.

Fill/Excavation Area: Not Applicable

Dredge Volume: Approximately 4,062 cubic yards of native soil will be dredged from 7.46 acres of waters of the United States.

California Integrated Water Quality System Impact Data: The Project will permanently impact 4,062 cubic yards of streambed from dredging activities.

Table 2: Impacts from Dredging Activities

Aquatic Resource Type	Temporary			Permanent					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet
Stream Channel	--	--	--	--	4,062	--	--	--	--

Notes
 NA Not Applicable

U.S. Army Corps of Engineers Permit Number: Non-Reporting

United States Army Corps of Engineers Permit Type: Nationwide Permit #43, Stormwater Management Facilities

Department of Fish and Wildlife Lake or Streambed Alteration Agreement: The Applicant applied for a Lake or Streambed Alteration Agreement on 12 July 2016.

Possible Listed Species: Not Applicable

Status of CEQA Compliance: The California Department of Parks and Recreation certified an Environmental Impact Report on 8 April 1991. (SCH No. 1991105077).

Compensatory Mitigation: The Central Valley Water Board is not requesting compensatory mitigation for the Project.

Application Fee Provided: An application fee of \$860.00 was submitted on 10 August 2016. A total fees of \$860.00 has been submitted to the Central Valley Water Board as required by Section 3833(b)(3)(A) and Section 2200(a)(3) of the California Code of Regulations.