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## Central Valley Regional Water Quality Control Board

30 July 2021

Brian Dewey  
California State Parks  
One Capitol Mall, Suite 410  
Sacramento, CA 95814

**NOTICE OF APPLICABILITY FOR COVERAGE UNDER ORDER SB12006GN,  
ORDER FOR CLEAN WATER ACT SECTION 401 GENERAL WATER QUALITY  
CERTIFICATION FOR SMALL HABITAT RESTORATION PROJECTS, COYOTE  
GULCH INITIAL EROSION CONTROL PRAIRIE CITY STATE VEHICLE  
RECREATION AREA PROJECT (WDID#5A34CR00823, SACRAMENTO COUNTY**

On 19 March 2021, the California State Parks (Permittee) submitted a Notice of Intent (NOI) to enroll under and comply with State Water Resources Control Board (State Water Board) Amended Order for Clean Water Act Section 401 General Water Quality Certification for Small Habitat Restoration Projects File No. SB12006GN (Order SB12006GN).

The Central Valley Water Quality Control Board (Central Valley Water Board) has reviewed your enrollment materials and finds the Coyote Gulch Initial Erosion Control, Prairie City State Vehicle Recreation Area Project (Project) meets the requirements of, and is hereby enrolled under, Order SB12006GN. You may proceed with your Project in accordance with the Order.

A copy of [Order SB12006GN](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/hrpcert032713.pdf) ([https://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/hrpcert032713.pdf](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/hrpcert032713.pdf)) can be found on the State Water Resources Control Board's General Orders webpage and is enclosed.

Please familiarize yourself with the requirements of Order SB12006GN. You are responsible for complying with all applicable Order requirements. Failure to comply with Order SB12006GN constitutes a violation of the California Water Code and may result in enforcement action or termination of enrollment under the Order.

**PROJECT DESCRIPTION:**

The purpose of the 18.5 acre project is to improve the Coyote Gulch area of Prairie City State Vehicle Recreation Area (PCSVRCA) by re-establishing the original configuration of the streambed, establishing a vegetated bioswale, and fencing off the area to prevent continued access by vehicular users. Project components are as follows:

### **Stream Enhancement**

Approximately 3,054 linear feet of the ephemeral stream will be re-contoured to a 3:1 slope to align with the existing swale drainage. The alignment will be altered in some areas to preserve existing oak trees. The stream channel is designed at approximately 1 percent slope to minimize velocity and erosion. At approximately 11 locations, the stream channel elevation drops abruptly. At the drops, boulder-sized Rock slope protection (RSP) will be placed to reduce erosion.

Approximately 30,485 cubic yards of native soil will be excavated for channel contouring and will be used for hillside re-vegetation. Imported soil may be necessary if soil generated from channel excavation is inadequate to supply the project.

### **Culverts Installation**

The Project will install 8-foot by 2-foot prefabricated reinforced concrete box culverts and wing walls at road and trail crossings in the PCSVRA. RSP will be installed at abrupt drops in channel elevation. Vehicular trails adjacent to the stream channel will be scarified or ripped and seeded with an appropriate mix of native plant species.

### **Soil Rehabilitation**

The Project will rehabilitate trails to a more natural state. Trails will be scarified or ripped to a depth of approximately 12 inches. Bare soil will be track walked with heavy grading equipment. Areas will be seeded with an appropriate mix of native plant species. Strategic locations will be protected from erosion and sediment loading using fiber rolls and biodegradable erosion control netting or blankets. In addition, and to further protect seeded areas, hydroseeding measures will incorporate fiber, certified weed free compost and certified weed free straw. These items will be held in place with tackifiers or stabilizers. Other locations within the denuded areas have experienced various degrees of gullying. In addition to scarifying these areas, they will be filled with locally sourced native soil to the area and addressed with erosion and sediment control measures stated above. Finally, areas along the drainage channel, other than specific crossing locations, will be protected with peeler post (post and rail), or park approved equal, fencing. Approximately 3,250 linear feet of fence will be installed. Approximately 405 posts will be placed to a depth of 3 feet and setback from the center of the drainage channel a minimum 25 feet on each side.

Project elements that affect aquatic resources include grading and installing rock within stream channel habitat. No dewatering will occur within the Project Area. No wet concrete will be placed into waters of the state. The Project will permanently impact 2.69 acres/3,054 linear feet acre of stream channel habitat.

**PROJECT LOCATION:**

The Project is located at 13300 White Rock Road in Rancho Cordova. The approximate center of the Project area is located at latitude 38.598432° N and longitude 121.142755° W.

**PROJECT SCHEDULE:**

The Project will begin construction in September 2021 and is expected to conclude in January 2022.

**APPLICATION FEE RECEIVED:**

\$551.00 was received on 14 June 2021. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as category D - Ecological Restoration and Enhancement Projects (fee code 85) with the dredge and fill fee calculator.

**AVOIDANCE AND MINIMIZATION MEASURES:**

Appropriate construction-related Best Management Practices (BMPs) listed in the State Parks' Off-Highway Motor Vehicle Recreation Division BMP Manual for Erosion and Sediment Control, dated November 2007, or most current version at time of construction, will be implemented during construction activities.

**MITIGATION AND MINIMIZATION MEASURES:**

The Permittee must implement the mitigation and minimization measures proposed in the submitted mitigation plan. Mitigation and minimization measures are as follows:

- **Geo Guideline 1.1:** Drainage facilities shall be designed by a California-registered civil engineer, and a geotechnical engineer shall be retained to review construction of drainage facilities, to minimize potential safety hazards or downstream damage associated with failure of earthen or concrete barriers from slope instability.
- **Soils Guideline 1.3:** Incorporate the guidance provided in the OHV BMP Manual, or subsequent or replacement document, when planning for the development of new facilities. Select, implement, and maintain BMPs, including those designed for stockpiles, during and after construction activities to avoid soil loss and the potential for resulting air pollution or degradation of water quality.
- **Soils Guideline 1.1:** Manage Prairie City SVRA trails and facilities to meet the current OHMVR Division *Soil Conservation Standard* or subsequent amendments or replacement documents.
- **Water Guideline 1.1:** Avoid locating facilities in areas delineated as jurisdictional waters of the United States, including wetlands; areas that qualify as waters of the state under the Porter- Cologne Water Quality Control Act of 1969, and areas subject to California Department of Fish and Wildlife (CDFW) regulation under California Fish and Game Code Section 1602. Where

avoidance is not feasible, such as for trail crossings, design facilities to minimize impacts.

- **Water Guideline 2.1:** Avoid siting facilities in and immediately adjacent to riparian areas or stream corridors and within waters of the United States or the state. Stream corridors shall be managed with vegetated buffers and crossings shall be properly sited for circulation and designed to minimize erosion and other water quality impacts. Culverts or bridge crossings shall be considered in highly erosive areas. Design measures include but are not limited to:• armoring approaches,• providing sediment traps or filter areas,• hardening the crossing surface,• protecting the streambanks from vehicle backwash and overflow during flooding, and• modifying super elevation (direction of tilt) such that roads and trails drain away from stream corridors.
- **Water Guideline 2.2:** Implement BMPs in operating the SVRA, consistent with the most current water quality management prescriptions. Monitor water quality regularly and implement adaptive management practices as warranted. Adaptive management practices used may include permanent or seasonal area closures, facility redesign, and hillside restoration.
- **Water Guideline 2.3:** Implement all water quality control measures required under the NPDES Construction General Permit before, during, and after the construction of facilities proposed and envisioned in this General Plan. Develop a SWPPP, including the identification of BMPs that must be implemented to reduce water quality degradation of receiving waters during and after construction activities. Incorporate construction BMPs from the OHV BMP Manual or subsequent applicable document, as appropriate.
- **Water Guideline 2.4:** Incorporate permanent water quality control features, as appropriate when developing detailed plans for facilities proposed and envisioned in this General Plan. As appropriate to designs, incorporate information from the OHV BMP Manual and the OHMVR Soil Standard [Off-Highway Motor Vehicle Recreation Division *Soil Conservation Standard and Guidelines*] (or subsequent amendments), and the Aerojet Feasibility Report for Area 39, which is expected to be completed in 2018 and will contain prescriptive measures designed to help reduce contaminant transport in groundwater. Select water quality control features suitable to site conditions at Prairie City SVRA and consistent with state-of-the art science on water quality management. Avoid direct discharge to receiving water bodies.
- **Water Guideline 2.5:** Improve areas that have experienced substantial erosion from surface water runoff, as determined by annual inspections, to reduce erosion and sedimentation. Implement rehabilitation concepts for these features, as appropriate.
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- **Water Guideline 2.6:** Close an area to OHV use if it has been determined that the area cannot feasibly be rehabilitated or reclaimed in accordance with OHMVR Division water quality management standards.
- **Water Guideline 2.7:** Prohibit recreational use of special vehicles and accessories, such as “widowmaker” tires, chained tires, or tracked vehicles, in the SVRA unless special permission is given by the District Superintendent. The District Superintendent has the authority to prohibit use of any vehicle or accessory that is inappropriate in the SVRA.

**NOTICE OF COMPLETION:**

Upon completion of the Project, you shall submit a Notice of Completion (NOC) no later than 30 days after Project completion. The NOC shall demonstrate the Project was carried out in accordance with the Project description, include a map of the Project location with final boundaries of the restoration area, and include post-project photographs. More information on the NOC is listed in section B.6 of the Order.

If you have questions concerning this matter, please contact Angela Nguyen-Tan by phone at (916) 464-0335 or by email at [Angela.Nguyen-Tan@waterboards.ca.gov](mailto:Angela.Nguyen-Tan@waterboards.ca.gov)

*Original Signed By James Marshall for:*

Patrick Pulupa  
Executive Officer

Enclosure: Amended Order for Clean Water Act Section 401 General Water Quality Certification for Small Habitat Restoration Projects File # SB12006GN

cc: Distribution List, page 6

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DeltaKeep@me.com

Joel Bonilla  
California State Parks  
Joel.Bonilla@parks.ca.gov