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## Central Valley Regional Water Quality Control Board

30 October 2023

Greg Norris  
Carmichael Water District  
7837 Fair Oaks Blvd.  
Carmichael, CA 95608

Sent Via Email  
gregn@carmichaelwd.org

**REVISED NOTICE OF APPLICABILITY  
OF  
WAIVER OF REPORTS OF WASTE DISCHARGE AND WASTE DISCHARGE  
REQUIREMENTS FOR SPECIFIC TYPES OF DISCHARGE  
WITHIN THE CENTRAL VALLEY REGION  
CARMICHAEL WATER DISTRICT  
CARMICHAEL WATER DISTRICT RANNEY RIVER WATER COLLECTION SYSTEM  
SACRAMENTO COUNTY**

Discharges from the maintenance of the Carmichael Water District Ranney River Water Collection System is regulated under the Waiver of Report of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge within the Central Valley Region, Order R5-2018-0085 (Waiver) and was assigned enrollee number **Order R5-2018-0085-0086** on 29 August 2023.

On 19 October 2023, Carmichael Water District (District) submitted a request to amend their Notice of Applicability (NOA), which regulates the land discharge of flushing water from the maintenance operations generated from one of three active radian infiltration collectors. The District plans to perform maintenance on two additional collectors, which would increase the volume of anticipated flushing water to be land discharged. Based on the information submitted, the discharge meets the conditions of the Waiver for waste discharges from test pumping of freshwater wells. The NOA is being revised to increase the volume of water to be land discharged and to include a map showing the discharge locations. The discharge is hereby covered under the Waiver. Please include your enrollee number in all correspondence related to this discharge. A copy of the Low Threat Waiver is enclosed and also available on the Central Valley Regional Water Quality Control Board's [website](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf).  
([https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/waivers/r5-2018-0085.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf))

### PROJECT LOCATION AND DESCRIPTION

The District provides municipal water to an estimated service area population of 38,000 in Sacramento County. The District's Water Treatment Plant utilizes water diverted to

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

the plant from the American River. The diversion facilities include three active radial infiltration collectors (referred to as Ranney System), which collects infiltrated water from riverbed gravels. Each collector consists of 13-foot diameter concrete caissons with inlet laterals extending under the gravels approximately 20 feet below the base of the riverbed.

The District will perform maintenance on all three collector wells and associated laterals, which includes flushing the laterals to remove accumulated sediment and debris. Discharge will consist of water that is collected through the Ranney System from the American River. The District requests authorization to discharge water generated from the flushing activities to three areas located near each collector well as shown on **Attachment A**. The discharge areas are located on Assessor Parcel Numbers (APN) 0056-0023-002, 056-0023-005, and 056-0023-006 and will vary between 0.7 and 1.7 acres. The Sacramento County Regional Parks Department are the land owners and has given the District approval to discharge onto their property. Groundwater depth within the immediate area is stable and based on historical maps appears to be approximately 50 feet below the surface. Flushing water will be maintained within the discharge areas and not allowed to discharge offsite. For each collector well that is cleaned, approximately 480,000 gallons of flushing water will be generated, and land discharged over 1 to 2 days. Approximately 1.4 million gallons of water is anticipated from cleaning three collector wells. Maintenance activities are scheduled for the first week of November. All flushing water is expected to completely percolate and evaporate before the beginning of the rainy season.

The Project is within the jurisdiction of the Central Valley Water Quality Control Board and the operative Water Quality Control Plan is the Sacramento and San Joaquin River Basin, Fifth Edition, revised February 2019 (hereafter Basin Plan). The Basin Plan designates beneficial uses, establishes water quality objectives, contains implementation plans and policies for protecting waters of the Basin, and incorporates by reference plans and policies adopted by the State Water Resources Control Board. Pursuant to §13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan.

## **FACILITY-SPECIFIC REQUIREMENTS**

Please familiarize yourself with the contents of the Waiver, including the Conditions of Discharge (Attachment A of the Waiver). The discharge must be managed in accordance with the requirements contained in the Conditions of Discharge and with the information submitted as part of your application and this revised Notice of Applicability (NOA). Carmichael Water District (hereby referred to as Discharger) is responsible for compliance with the Waiver and must provide sufficient oversight to ensure compliance and prompt reporting of any non-compliance. Upon completion of the discharge activities and confirmation that all flushing water has evaporated and/or percolated, the Discharger shall notify the Central Valley Water Board to request termination of coverage under the Waiver.

## **DOCUMENT SUBMITTALS**

All monitoring reports (if applicable) and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:  
[centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@waterboards.ca.gov).

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Carmichael Water District Ranney River Water Collection System  
Program: Non-15 Compliance  
Order: R5-2018-0085-0086  
CIWQS Place ID: 889852

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board  
ECM Mailroom  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670

Now that this revised NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your new point of contact for any questions about the Waiver. You may contact Guy at (916) 464-4648 or at [guy.childs@waterboards.ca.gov](mailto:guy.childs@waterboards.ca.gov).

for Patrick Pulupa  
Executive Officer

attachments: Attachment A, Location Map

enclosures: R5-2018-0085 (Discharger only)

cc via email: David Biagi, Carmichael Water District  
Ken Glotzbach, Carmichael Water District  
Michael Doane, Sacramento County Regional Parks  
Sacramento Environmental Health Management  
Guy Childs, Central Valley Regional Water Quality Control Board  
Howard Hold, Central Valley Regional Water Quality Control Board

**ATTACHMENT A**



Approximate Scale:  
Not to Scale



Drawing Reference:  
Project Scope and Limits of  
Discharge, August 2023

**LOCATION MAP**  
Carmichael Water District  
Ranney Well System  
Sacramento County