

STATE OF CALIFORNIA

DOMESTIC WATER SUPPLY PERMIT

Issued to

Clear Creek Community Services District-Westwood

For the Operation of

Clear Creek Community Services District-Westwood
Public Water System #1800512

By the

State Water Resources Control Board
Division of Drinking Water



PERMIT NUMBER: 01-02-26(P)006

ISSUE DATE: July 8, 2026

WHEREAS:

1. **Clear Creek Community Services District-Westwood (Clear Creek CSD)** has been operating a water system under a December 31, 1993 mass mail permit.
2. This public water system is known as **Clear Creek CSD** whose headquarters is located at 666-975 HWY 147, Westwood CA 96137.
3. The legal owner(s) of the water system is Clear Creek Community Services District-Westwood. **Clear Creek CSD**, therefore, is responsible for compliance with all statutory and regulatory drinking water requirements and the conditions set forth in this permit.
4. The public water system for which this permit is being issued is described as follows:

Clear Creek Community Services District-Westwood provides water to the town of Clear Creek in unincorporated Lassen County. The water system has one active groundwater source named Spring 1. The spring water is chlorinated prior to delivery to a population of approximately 400 people through 167 service connections.

And WHEREAS:

1. **Clear Creek CSD** has submitted the required information relating to the operation of its water system.
2. The Division has evaluated the information submitted by **Clear Creek CSD** and has conducted a physical investigation of the water system.
3. Recent monitoring of Spring 1 detected E. coli in the source water, indicating fecal contamination of the spring source.
4. The Division's inspection of Spring 1 found that the spring collection facilities, as currently constructed and located, are susceptible to animal intrusion and other sources of fecal contamination.
5. Based on the current construction and location of Spring 1, the Division finds that the source cannot be reliably protected from fecal contamination through short-term corrective measures alone.
6. The Division has the authority to issue domestic water supply permits pursuant to Health and Safety Code Section 116540.

THEREFORE: The Division has determined the following:

1. **Clear Creek CSD** meets the criteria for and is hereby classified as a **community** water system.
2. The applicant has demonstrated that **Clear Creek CSD** has sufficient source capacity to serve the water demands.
3. The applicant has demonstrated adequate technical, managerial, and financial capacity to reliably operate the water system.
4. Due to recent source water E. coli detections and the susceptibility of Spring 1 to fecal contamination, the Division has determined that corrective action is necessary under the Ground Water Rule.
5. The Division has determined that treatment reliably achieving at least 4-log virus inactivation before or at the first customer is the appropriate corrective action for Spring 1 at this time.
6. This permit establishes 4-log virus inactivation through disinfection as a treatment performance standard for Spring 1. This requirement shall remain in effect unless and until the Division determines in writing that 4-log treatment of viruses is no longer necessary for Spring 1.
7. Provided the following conditions are complied with, **Clear Creek CSD** should be capable of providing water to consumers that is pure, wholesome, and potable and in compliance with statutory and regulatory drinking water requirements.

**CLEAR CREEK COMMUNITY SERVICES DISTRICT-WESTWOOD IS
HEREBY ISSUED THIS DOMESTIC WATER SUPPLY PERMIT TO
OPERATE A COMMUNITY WATER SYSTEM.**

Clear Creek CSD must comply with the following conditions:

1. The water system must comply with all state laws applicable to public water systems, including, but not limited to, the California Safe Drinking Water Act as contained in Division 104 of the California Health and Safety Code, and any regulations, standards, or orders adopted thereunder.
2. The only source approved for potable water supply is as follows:

Source	Type	PS Code	Status	Capacity (Est.)
Spring 1	Groundwater	CA1800512-001-001	Active	500 gpm (Pump Capacity)

3. The water distribution system shall be operated by a Grade D-1 certified distribution operator or higher. The distribution operator shall be certified in accordance with Title 22, Section 63770, California Code of Regulations.
4. The water system is approved to provide the following treatment:

Facility	Facility ID	Treatment
CCCSD Spring 1 Treatment Plant	1800512-002	Chlorination

- a. The treatment plant is classified as a T1 treatment facility and must be operated by a Grade T-1 certified treatment operator or higher in accordance with California Code of Regulations Title 22, Section 63765.
 - b. Free chlorine residuals shall be maintained to achieve 4-log virus inactivation before the water reaches the first customer.
 - c. Free chlorine residuals must be measured and recorded daily at the point of CT compliance (first customer).
 - d. The water system's operator shall take and record weekly temperature measurements at the point of chlorine injection.
 - e. The water system shall submit a monthly 4-Log Virus Inactivation Report to DDW by the tenth day of the following month.
 - f. The responsible certified operator shall visit the site and inspect the chlorination system at least once daily.
5. For each month, the water system must submit operating records to the Division of Drinking Water no later than the 10th of the following month. Records must include free

chlorine residual measurements and locations, 4-log virus inactivation compliance report, injector pump settings, water produced in gallons, and the calculated monthly average chlorine (Cl₂) dosage.

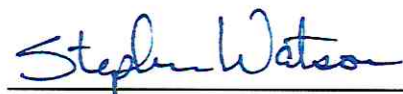
6. Raw unchlorinated water from Spring 1 shall be monitored for total coliform bacteria a minimum of once per month, or more frequently if directed by the Division. The samples shall be analyzed by a California-certified lab using an approved quantitative method that reports bacteriological results as the most probable number (MPN). All sample results must be reported to the Division by the tenth day of the following month.
7. When a distribution bacteriological sample is collected, a chlorine residual measurement shall be collected and recorded on the lab's chain of custody. This is in addition to the records required by Condition 5.
8. Water supplied by Clear Creek CSD for domestic purposes shall meet all primary Maximum Contaminant Levels (MCLs) established by the Division for community systems.
9. No changes, additions, or modifications to sources, treatment, and/or storage shall occur unless an amended water permit has first been obtained from the Division.

This permit supersedes all previous domestic water supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by the Division. This permit is non-transferable. Should **Clear Creek Community Services District - Westwood** undergo a change of ownership, the new owner must apply for and receive a new domestic water supply permit.

This permit shall be effective as of the date shown below.

FOR THE DIVISION OF DRINKING WATER

July 8, 2026
Date



Stephen W. Watson, P.E.
Lassen District Engineer
Drinking Water Field Operations Branch

CT Compliance for Viruses by Free Chlorine

Input Parameters:

Water System Name:	Clear Creek CSD		
Number of Service Connections:	167		
System Number:	1800512		
Month and Year:	July-26		
Clearwell(s) - Volume per Foot:	180	Gallons/Ft	
Short-Circuiting Factor for Clearwell(s):	1.00	t_{10}/T	
Transmission Pipe - Volume	499	Gallons	
Short-Circuiting Factor for Transmission Pipe:	1.00	t_{10}/T	

	Clearwell & Transmission Data for Peak Hourly Flow (for pH = 6.0-9.0)						Viruses		
	Date	Flow Rate, gpm	Clearwell Lowest Level, ft	Clearwell + Pipe Effective Volume, gal	Effective Contact Time, minutes	Temperature, °C	Chlorine Residual, mg/L	Calculated Ct ₁₀	Calculated Log Inactivation
Sun	1	250	8.0	1,939	7.8			-	-
Mon	2			-	-			-	-
Tue	3			-	-			-	-
Wed	4			-	-			-	-
Thu	5			-	-			-	-
Fri	6			-	-			-	-
Sat	7			-	-			-	-
Sun	8			-	-			-	-
Mon	9			-	-			-	-
Tue	10			-	-			-	-
Wed	11			-	-			-	-
Thu	12			-	-			-	-
Fri	13			-	-			-	-
Sat	14			-	-			-	-
Sun	15			-	-			-	-
Mon	16			-	-			-	-
Tue	17			-	-			-	-
Wed	18			-	-			-	-
Thu	19			-	-			-	-
Fri	20			-	-			-	-
Sat	21			-	-			-	-
Sun	22			-	-			-	-
Mon	23			-	-			-	-
Tue	24			-	-			-	-
Wed	25			-	-			-	-
Thu	26			-	-			-	-
Fri	27			-	-			-	-
Sat	28			-	-			-	-
Sun	29			-	-			-	-
Mon	30			-	-			-	-
Tue	31			-	-			-	-
	Min	250	8.0	1,939	7.8	0	0.00	0.0	>4.0
	Median	250	8.0	1,939	7.8	0	0.00	0.0	>4.0
	Max	250	8.0	1,939	7.8	0	0.00	0.0	0.0

Print Name: _____

Signature: _____ **Date:** _____