

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

In the Matter of:

ORDER R5-2024-0500

**CITY OF DUNSMUIR
WASTEWATER TREATMENT PLANT
SISKIYOU COUNTY**

**SETTLEMENT AGREEMENT AND
STIPULATION FOR ENTRY OF
ADMINISTRATIVE CIVIL LIABILITY
ORDER**

I. Introduction

1. This Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order (Stipulated Order or Order) is entered into by and between the Assistant Executive Officer of the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board or Water Board), on behalf of the Central Valley Water Board Prosecution Team (Prosecution Team), and City of Dunsmuir (City or Discharger)(collectively known as the Parties) and is presented to the Central Valley Water Board, or its delegee, for adoption as an order by settlement, pursuant to California Water Code section 13323 and Government Code section 11415.60.

II. Recitals

2. The Discharger owns and operates the City of Dunsmuir Wastewater Treatment Plant (Facility), which provides sewerage service to approximately 1,600 residents. The Facility discharges treated domestic wastewater to the Sacramento River, a water of the United States.
3. On 7 December 2018, the Central Valley Water Board adopted WDRs Order R5-2018-0087 (NPDES No. CA0078441), to regulate the Facility, which requires, among other things, compliance with effluent limitations at Discharge Point No. 001.
4. On 26 October 2020, Central Valley Water Board staff issued the Discharger a Notice of Violation for total coliform effluent violations that occurred between March 2020 and July 2020. On 4 October 2023, the Discharger responded to the NOV and requested that the MMPs be applied toward a compliance project to offset the MMPs, as allowed by Water Code section 13385(k).
4. On 21 September 2023, Central Valley Water Board staff issued the Discharger a Notice of Violation for, in part, pH, and total coliform effluent violations that

occurred between January 2023 and May 2023. On 4 October 2023, the Discharger responded to the NOV and requested that the MMPs be applied toward a compliance project to offset the MMPs, as allowed by Water Code section 13385(k).

5. WDRs Order R5-2018-0087, section IV.A.1, includes, in part, the following effluent limitations:

a. The Discharger shall maintain compliance with the effluent limitations specified in Table 4:

Table 4. - Effluent Limitations

Parameter	Units	Instantaneous Minimum	Instantaneous Maximum
pH	Standard Units	6.5	8.0

e. **Total Coliform Organisms.** From 16 November through 30 April, effluent total coliform organisms shall not exceed the following:

- i. 23 most probable number (MPN) per 100 mL, as a 7-day median; and
- ii. 240 MPN/100 mL, more than once in any 30-day period.

f. **Total Coliform Organisms.** From 1 May through 14 June and 16 September through 15 November, effluent total coliform organisms shall not exceed the following:

- i. 2.2 MPN per 100 mL, as a 7-day median;
- ii. 23 MPN/100 mL, more than once in any 30-day period; and
- iii. 240 MPN/100 mL, at any time.

6. Water Code section 13385, subdivisions (h) and (i) require assessment of mandatory penalties and state, in part, the following:

Water Code section 13385, subdivision (h)(1) states:

Notwithstanding any other provision of this division, and except as provided in subdivisions (j), (k), and (l), a mandatory minimum penalty of three thousand dollars (\$3,000) shall be assessed for each serious violation

Water Code section 13385, subdivision (h)(2) states:

For the purposes of this section, a “serious violation” means any waste discharge that violates the effluent limitations contained in the applicable waste discharge requirements for a Group II pollutant, as specified in Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations, by 20 percent or more or for a Group I pollutant, as specified in Appendix A to Section 123.45 of Title 40 of the Code of Federal Regulations, by 40 percent or more.

Water Code section 13385, subdivision (i)(1) states:

Notwithstanding any other provision of this division, and except as provided in subdivisions (j), (k), and (l), a mandatory minimum penalty of three thousand dollars (\$3,000) shall be assessed for each violation whenever the person does any of the following four or more times in any period of six consecutive months, except that the requirement to assess the mandatory minimum penalty shall not be applicable to the first three violations:

- A) Violates a waste discharge requirement effluent limitation.
- B) Fails to file a report pursuant to Section 13260.
- C) Files an incomplete report pursuant to Section 13260.
- D) Violates a toxicity effluent limitation contained in the applicable waste discharge requirements where the waste discharge requirements do not contain pollutant-specific effluent limitations for toxic pollutants

7. According to the Discharger’s self-monitoring reports, the Discharger committed six (6) non-serious violations not subject to MMPs, and eight (8) non-serious violations subject to MMPs of the above effluent limitations contained in WDRs

Order R5-2018-0087 as shown in Attachment A. Six (6) non-serious violations are not subject to mandatory penalties because these violations fall within the first three violations in a 180-day period. Eight (8) non-serious violations are subject to mandatory penalties under Water Code section 13385 subdivision (i)(1) because these violations were preceded by three or more effluent limit violations within a 180-day period. The mandatory minimum penalty for these violations is **twenty-four thousand dollars (\$24,000)**.

8. The total amount of the mandatory minimum penalties assessed for the alleged effluent violations is **twenty-four thousand dollars (\$24,000)**. As stated herein, a detailed list of the alleged effluent violations is included in Attachment A.

9. Water Code section 13385 (k) states:

(1) In lieu of assessing all or a portion of the mandatory minimum penalties pursuant to subdivisions (h) and (i) against a publicly owned treatment works serving a small community, the state board or the regional board may elect to require the publicly owned treatment works to spend an equivalent amount towards the completion of a compliance project proposed by the publicly owned treatment works, if the state board or the regional board finds all of the following:

(A) The compliance project is designed to correct the violations within five years.

(B) The compliance project is in accordance with the 2017 State Water Resources Control Board's Water Quality Enforcement Policy (Enforcement Policy), excluding any provision in the policy that is inconsistent with this section

(C) The publicly owned treatment works has prepared a financing plan to complete the compliance project.

(2) For the purposes of this subdivision, "a publicly owned treatment works serving a small community" means a publicly owned treatment works serving a population of 10,000 persons or fewer or a rural county, with a financial hardship as determined by the state board after considering such factors as median income of the residents, rate of unemployment, or low

population density in the service area of the publicly owned treatment works.

10. Under the Enforcement Policy, a publicly owned treatment work (POTW) serving a small community is a POTW serving a community that has a financial hardship and has a population of 10,000 or fewer people or lies completely within one or more rural counties.
11. Under the Enforcement Policy, “financial hardship” means that the community served by the POTW meets one of the following criteria:
 - A) Median household income for the community is less than 80 percent of the California median household income.
 - B) The community has an unemployment rate of 10 percent or greater, or
 - C) Twenty percent of the population is below the poverty level.
12. The Central Valley Water Board finds the Discharger is eligible for a Compliance Project because the Facility is a publicly owned treatment works serving a small community with a financial hardship. The Discharger serves a population of approximately 1,600 with a median household income (MHI) of \$37,604, which is 45% of the statewide MHI, according to the 2021 American Community Survey 5-Year Estimates.
13. The Discharger submitted a Compliance Project proposal to eliminate future effluent limitation violations. Additional information and requirements regarding the Compliance Project is contained in Attachment B, attached hereto and incorporated by reference.
14. Board staff finds that the proposed compliance project qualifies as a compliance project within the meaning of Water Code section 13385 (k) because it will remedy future violations for total coliform. The amount that the Discharger will expend on the compliance project is in excess of the mandatory minimum penalty that the Board is required to assess under Water Code sections 13385(h) and (i) for the violations listed in Attachment A of this Order.

15. The Parties have engaged in confidential settlement negotiations and agree to settle the matter without administrative or civil litigation by presenting this Stipulated Order to the Central Valley Water Board, or its delegee, for adoption as an order by settlement, pursuant to Water Code section 13323 and Government Code section 11415.60. To resolve the violations by consent and without further administrative proceedings, the Parties have agreed to the imposition of an ACL in the amount of **twenty-four thousand dollars (\$24,000)** in MMPs against the Discharger. The entire **twenty-four thousand dollars (\$24,000)** penalty will be satisfied through the completion of the compliance project described in Attachment B of this Order.
16. The Central Valley Water Board Prosecution Team believes that the resolution of the alleged violations is fair and reasonable and fulfills its enforcement objectives, that no further action is warranted concerning the violations alleged herein, and that this Stipulated Order is in the best interest of the public.

III. Stipulations

The Parties stipulate to the following:

17. **Jurisdiction:** The Parties agree that the Central Valley Water Board has subject matter jurisdiction over the matters alleged in this action and personal jurisdiction of the Parties to this Stipulation.
18. **Administrative Civil Liability:**
- A) The Discharger hereby agrees to the imposition of an ACL in the amount of **twenty-four thousand dollars (\$24,000)** to the Central Valley Water Board to resolve the violation specifically alleged in Attachment A to this Order.
 - B) The entire **twenty-four thousand dollars (\$24,000)** penalty will be suspended through the completion of the Compliance Project described in Finding 13, in accordance with Water Code section 13385(k) incorporated herein by reference. This amount is also referred to as the Suspended Liability Amount.

19. Representations and Agreements: The Discharger understands that the completed Compliance Project is a material condition of this settlement of liability between the Discharger and the Central Valley Water Board Prosecution Team. As a material consideration for the Central Valley Water Board's acceptance of this Stipulated Order, the Discharger represents and agrees that, in accordance with Water Code section 13385, subdivision (k)(1).

- A) The Compliance Project designed to correct the violations within five years.
- B) The Compliance Project is in accordance with the Enforcement Policy of the State Board:
 - i. The Central Valley Water Board will not authorize additional compliance projects for the project the Discharger completed as described above, except under unusual circumstances.
 - ii. The Discharger agrees that the Central Valley Water Board has the right to require a third-party audit of the funds expended by it to implement the Compliance Project; and
 - iii. The Discharger shall permit inspection of the Compliance Project by Central Valley Water Board staff during normal business hours, at any location where the Compliance Project is being implemented, as well as review of any documents associated with implementation of the Compliance Project, at any time without notice.

20. Third Party Financial Audit of Compliance Project: At the written request of the Central Valley Water Board, the Discharger, at its sole cost, shall submit a report prepared by an independent third party(ies) acceptable to the Central Valley Water Board providing such party's(ies's) professional opinion that the Discharger has expended money in the amounts claimed by the Discharger. The written request shall specify the reasons why the audit is being requested. The audit report shall be provided to the Central Valley Water Board within six (6) months of notice from the Central Valley Water Board to the Discharger of the

need for an independent third-party audit. The audit need not address any costs incurred by the Central Valley Water Board for oversight.

21. Compliance with Applicable Laws and Regulatory Changes: The Discharger understands that payment of an ACL in accordance with the terms of this Stipulated Order and/or compliance with the terms of this Stipulated Order is not a substitute for compliance with applicable laws, and that additional violations of the type alleged may subject it to further enforcement, including additional ACLs. Nothing in this Stipulated Order shall excuse the Discharger from meeting any more stringent requirements which may be imposed hereafter by changes in applicable and legally binding legislation or regulations.

22. Party Contacts for Communications Related to Stipulated Order:

FOR THE CENTRAL VALLEY WATER BOARD:

Stacy Gotham, Senior Water Resource Control Engineer
NPDES Unit
364 Knollcrest Drive, Suite 205
Redding, CA 96002
(530) 224-4993
Stacy.Gotham@waterboards.ca.gov

FOR THE DISCHARGER:

Dustin Rief, City Manager
City of Dunsmuir
5915 Dunsmuir Avenue
Dunsmuir, CA 96025

23. Attorney's Fees and Costs: Except as otherwise provided herein, each Party shall bear all attorneys' fees and costs arising from the Party's own counsel in connection with the matters set forth herein.

24. Public Notice: The Discharger understands that this Stipulated Order will be noticed for a 30-day public review and comment period prior to consideration by the Central Valley Water Board, or its delegee. If significant new information is received that reasonably affects the propriety of presenting this Stipulated Order

to the Central Valley Water Board, or its delegee, for adoption, the Assistant Executive Officer may unilaterally declare this Stipulated Order void and decide not to present it to the Central Valley Water Board, or its delegee. The Discharger agrees that it may not rescind or otherwise withdraw its approval of this proposed Stipulated Order.

25. **Procedure:** The Parties agree that the procedure that has been adopted for the approval of the settlement by the Parties and review by the public, as reflected in this Order, will be adequate. In the event procedural objections are raised prior to this Stipulated Order becoming effective, the Parties agree to meet and confer concerning any such objections and may agree to revise or adjust the procedure as necessary or advisable under the circumstances.
26. **No Waiver of Right to Enforce:** The failure of the Prosecution Team or Central Valley Water Board to enforce any provision of this Stipulated Order shall in no way be deemed a waiver of such provision, or in any way affect the validity of this Stipulated Order. The failure of the Prosecution Team or Central Valley Water Board to enforce any such provision shall not preclude it from later enforcing the same or any other provision of this Stipulated Order. No oral advice, guidance, suggestions, or comments by employees or officials of any Party regarding matters covered under this Stipulated Order shall be construed to relieve any Party regarding matters covered in this Stipulated Order. The Central Valley Water Board reserves all rights to take additional enforcement actions, including without limitation, the issuance of ACL complaints or orders for violations other than those addressed by this Order.
27. **Effect of Stipulated Order:** Except as expressly provided in this Stipulated Order, nothing in this Stipulated Order is intended nor shall it be construed to preclude the Central Valley Water Board or any state agency, department, board or entity or any local agency from exercising its authority under any law, statute, or regulation.
28. **Interpretation:** This Stipulated Order shall not be construed against the party preparing it but shall be construed as if the Parties jointly prepared it and any uncertainty and ambiguity shall not be interpreted against any one party.

29. **Modification:** This Stipulated Order shall not be modified by any of the Parties by oral representation whether made before or after the execution of this Order. All modifications must be made in writing and approved by the Central Valley Water Board or its delegee.
30. **Integration:** This Stipulated Order constitutes the entire agreement between the Parties and may not be amended or supplemented except as provided for in this Stipulated Order.
31. **If Order Does Not Take Effect:** In the event that this Stipulated Order does not take effect because it is not approved by the Central Valley Water Board, or its delegee, or is vacated in whole or in part by the State Water Board or a court, the Parties acknowledge that the Prosecution Team may proceed to a contested evidentiary hearing before the Central Valley Water Board to determine whether to assess an ACL for the underlying alleged violations, or may continue to pursue settlement. The Parties agree that all oral and written statements and agreements made during the course of settlement discussions will not be admissible as evidence in any subsequent administrative or judicial proceeding or hearing and will be fully protected by California Evidence Code sections 1152 and 1154; California Government Code section 11415.60; Rule 408, Federal Rules of Evidence; and any other applicable privilege under federal and/or state law. The Parties also agree to waive any and all objections related to their efforts to settle this matter, including, but not limited to:
- A) Objections related to prejudice or bias of any of the Central Valley Water Board members or their advisors and any other objections to the extent that they are premised in whole or in part on the fact that the Central Valley Water Board members or their advisors were exposed to some of the material facts and the Parties settlement positions, and therefore may have formed impressions or conclusions, prior to conducting any contested evidentiary hearing in this matter; or
 - B) Laches or delay or other equitable defenses based on the time period that the Order or decision by settlement may be subject to administrative or judicial review.

32. **Waiver of Hearing:** The Discharger has been informed of the rights provided by Water Code section 13323, subdivision (b), and hereby waives its right to a hearing before the Central Valley Water Board.
33. **Waiver of Right to Petition:** The Discharger hereby waives the right to petition the Central Valley Water Board's adoption of the Stipulated Order as written for review by the State Water Board, and further waives the right, if any, to appeal the same to a California Superior Court and/or any California appellate level court.
34. **Covenant Not to Sue:** Upon the effective date of this Stipulated Order, the Discharger shall and does release, discharge, and covenant not to sue or pursue any civil or administrative claims against any State Agency or the State of California, its officers, agents, directors, employees, attorneys, representatives, for any and all claims or cause of action, which arise out of or are related to this action.
35. **Water Boards Not Liable:** Neither the Central Valley Water Board members, nor the Central Valley Water Board staff, attorneys, or representatives shall be liable for any injury or damage to persons or property resulting from the negligent or intentional acts or omissions by the Discharger or its respective directors, officers, employees, agents, representatives, or contractors in carrying out activities pursuant to this Order, nor shall the Central Valley Water Board, its members, staff, attorneys, or representatives be held as parties to or guarantors of any contract entered into by the Discharger, or its directors, officers, employees, agents, representatives, or contractors in carrying out activities pursuant to this Order.
36. **Authority to Bind:** Each person executing this Stipulated Order in a representative capacity represents and warrants that he or she is authorized to execute this Order on behalf of and to bind the entity on whose behalf he or she executes the Order.
37. **Necessity for Written Approvals:** All approvals and decisions of the Central Valley Water Board under the terms of this Stipulated Order shall be communicated to the Discharger in writing. No oral advice, guidance, suggestions, or comments by employees or officials of the Central Valley Water

Board regarding submissions or notices shall be construed to relieve the Discharger of its obligation to obtain any final written approval required by this Stipulated Order.

38. **No Third Party Beneficiaries:** This Stipulated Order is not intended to confer any rights or obligation on any third party or parties, and no third party or parties shall have any right of action under this Stipulated Order for any cause whatsoever.
39. **Severability:** This Stipulated Order is severable; should any provision be found invalid the remainder shall remain in full force and effect.
40. **Effective Date:** This Stipulated Order shall be effective and binding on the Parties upon the date the Central Valley Water Board, or its delegee, enters the Order.
41. **Counterpart Signatures:** This Order may be executed and delivered in any number of counterparts, each of which when executed and delivered shall be deemed to be an original, but such counterparts shall together constitute one document.

Settlement Agreement & Stipulation 13
Administrative Civil Liability Order
R5-2024-0500
City of Dunsmuir
Wastewater Treatment Plant
Siskiyou County

3 January 2023

IT IS SO STIPULATED.

**California Regional Water Quality Control Board Prosecution Team
Central Valley Region**

By: *Digitally signed by Clint E. Snyder*
Clint E. Snyder, P.G.
Assistant Executive Officer

12/21/2023
Date

City of Dunsmuir

By: *Original signed by Dustin Rief*
Dustin Rief
City Manager

1/3/2024
Date

HAVING CONSIDERED THE PARTIES STIPULATIONS, THE CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD, BY AND THROUGH ITS EXECUTIVE OFFICER, FINDS THAT:

1. The foregoing Stipulation is fully incorporated herein and made part of this Order.
2. This is an action to enforce the laws and regulations administered by the Central Valley Water Board. The Central Valley Water Board finds that issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, sections 21000 et seq.), in accordance with section 15321, subdivision (a)(2), Title 14, of the California Code of Regulations.
3. The Executive Officer of the Central Valley Water Board is authorized to refer this matter directly to the Attorney General for enforcement if the Discharger fails to perform any of its obligations under this Order.

Pursuant to Water Code section 13323 and Government Code section 11415.60, **IT IS HEREBY ORDERED** on behalf of the California Regional Water Quality Control Board, Central Valley Region.

Patrick Pulupa, Executive Officer

Date

Enclosures: Attachment A: Record of Violations
Attachment B: Compliance Project Description

**R5-2024-0500 - ATTACHMENT A
RECORD OF VIOLATIONS FOR ASSESSING MANDATORY MINIMUM PENALTIES**

**City of Dunsmuir
Wastewater Treatment Plant**

RECORD OF VIOLATIONS (March 2020 – May 2023) MANDATORY PENALTIES
(Data reported under Monitoring and Reporting Programs R5 2018-0087)

The following table lists the alleged violations subject to mandatory minimum penalties (MMPs), pursuant to Water Code section 13385(h) and (i).

Table A - Violations subject to mandatory minimum penalties

Item	Date	Parameter	Units	Limit	Measured	Period	Violation Type	MMP Type	CIWQS
1	9-Mar-20	Total Coliform	MPN/100 mL	23	33	7-Day Median	OEV	NCHRON	1073247
2	23-Mar-20	Total Coliform	MPN/100 mL	23	33	7-Day Median	OEV	NCHRON	1073248
3	8-Apr-20	Total Coliform	MPN/100 mL	23	41.5	7-Day Median	OEV	NCHRON	1075401
4	11-May-20	Total Coliform	MPN/100 mL	23	30	7-Day Median	OEV	CHRON	1076271
5	8-Jun-20	Total Coliform	MPN/100 mL	2.2	4	7-Day Median	OEV	CHRON	1076271

**R5-2024-0500 - ATTACHMENT A
RECORD OF VIOLATIONS FOR ASSESSING MANDATORY MINIMUM PENALTIES**

Item	Date	Parameter	Units	Limit	Measured	Period	Violation Type	MMP Type	CIWQS
6	24-Jan-23	Total Coliform	MPN/100 mL	23	49	7-Day Median	OEV	NCHRON	1114517
7	7-Feb-23	Total Coliform	MPN/100 mL	23	110	7-Day Median	OEV	NCHRON	1115388
8	3-Mar-23	pH	Standard Units	8.0	8.4	Instantaneous Maximum	OEV	NCHRON	1116499
9	14-Mar-23	Total Coliform	MPN/100 mL	23	1600	7-Day Median	OEV	CHRON	1116443
10	12-Apr-23	Total Coliform	MPN/100 mL	23	110	7-Day Median	OEV	CHRON	1117577
11	2-May-23	Total Coliform	MPN/100 mL	2.2	1600	7-Day Median	OEV	CHRON	1118358
12	2-May-23	Total Coliform	MPN/100 mL	240	1600	Daily Maximum	OEV	CHRON	1119082
13	30-May-23	Total Coliform	MPN/100 mL	2.2	33	7-Day Median	OEV	CHRON	1109083

**R5-2024-0500 - ATTACHMENT A
RECORD OF VIOLATIONS FOR ASSESSING MANDATORY MINIMUM PENALTIES**

Item	Date	Parameter	Units	Limit	Measured	Period	Violation Type	MMP Type	CIWQS
14	30-May-23	Total Coliform	MPN/100 mL	23	33	More than once in a 30-day period	OEV	CHRON	1109084

EXPEDITED PAYMENT AMOUNT VIOLATIONS SUMMARY:

VIOLATIONS AS OF: 5/30/2023

Group I Serious Violations:	0
Group II Serious Violations:	0
Non-Serious Violations Not Subject to MMPs:	6
<u>Non-serious Violations Subject to MMPs:</u>	<u>8</u>
Total Violations Subject to MMPs:	8

Mandatory Minimum Penalty Amount for Effluent Limit Violation(s)

8 Non-Serious Violation subject to MMP x \$3,000 per Violation = \$24,000

Total Expedited Mandatory Minimum Penalty = \$24,000

R5-2024-0500 - ATTACHMENT A
RECORD OF VIOLATIONS FOR ASSESSING MANDATORY MINIMUM PENALTIES

Table A - Definitions

Abbreviation	Description
CAT 1	Violation of effluent limitation for Group I pollutant.
CAT 2	Violation of effluent limitation for Group II pollutant
CHRON	Chronic violation as defined by Water Code section 13385 (i). Any non-serious violation that falls within a 180-day period with three preceding violations. Thus, the fourth non-serious violation that occurs within a 180-day period is subject to MMPs.
CIWQS	California Integrated Water Quality System (https://www.waterboards.ca.gov/water_issues/programs/ciwqs/)
CTOX	Violation of chronic toxicity effluent limitation.
DREP	Deficient reporting violation. This will only result in MMPs if the report is so deficient as to make determination of compliance impossible for the reporting period.
LREP	Late Reporting violation. Every 30-Days a report is late counts as one serious late reporting violation subject to MMPs.
Measured	Reported value for the monitoring period by the Discharger.
MMP Type	Classification of the type of MMP violation.
Occurrence Date	Date that a violation occurred. For averaging period limitation violations, such as weekly and monthly averages, the last day of the reporting period is used such as last day of the week (Saturday) and last day of the month, respectively.
OEV	Violation of any constituent-specific effluent limitation not included in Group I or Group II.
NCHRON	Non-serious violation falls within the first three violations in a 180-day period, thus, not subject to MMP.
SIG	Serious Violation: For Group I pollutants that exceed the effluent limitation by 40 percent or more. For Group II pollutants that exceed the effluent limitation by 20 percent or more.

R5-2024-0500 - ATTACHMENT B

Compliance Project Description

Project Title: City of Dunsmuir WWTP Compliance Project

Geographic Area of Interest: City of Dunsmuir Wastewater Treatment Plant, Siskiyou County

Name of Responsible Entity: City of Dunsmuir

Contact Information:

Ron LaRue, Designated Operator in Charge
City of Dunsmuir WWTP
1100 South First Street
Dunsmuir, CA 96025
(530) 925-0871
wwtp@ci.dunsmuir.ca.us

Compliance Project Description and Goals:

The Discharger has purchased a new flow meter to be installed upstream of the chlorine contact chamber (CCC). The Discharger states the new flow meter is expected to improve chlorine dosing accuracy as the chlorine will now be dosed based on the flow entering the CCC, which is also the chlorine dosing location. Currently, chlorine is dosed based on the flow leaving the CCC, approximately 500 feet downstream of the chlorine injection point, which can cause a lag in adjusting the chlorine dose.

Furthermore, the Discharger is also installing a variable frequency drive (VFD) on the south aerator in the oxidation ditch. The aerators are currently fixed speed. The south aerator is required to operate as often as the north aerator, as its main purpose is to keep material suspended in the oxidation ditch. Therefore, the Discharger shuts the aerator off frequently throughout the day to control the dissolved oxygen levels in the oxidation ditch. As a result, this fluctuates the flow moving through the plant ultimately impacting the chlorine dosing at the CCC.

The Discharger states that these improvements will reduce the fluctuations in the chlorine dosing at low- and high-flow events.

Estimated Cost of Compliance Project Completion:

The estimated project cost is more than the entire \$24,000 of MMPs associated with this Order.

R5-2024-0500 - ATTACHMENT B

Compliance Project Milestones and Completion Dates:

The Compliance Project will be completed no later than one year from the effective date of the Stipulated Order approving this Compliance Project.

Final Report:

No later than one year from the effective date of the Stipulated Order, the City will submit a final report declaring the completion of the Compliance Project and detailing fund expenditures and goals achieved. The report shall clearly show whether the final cost of the completed Compliance Project is less than, equal to, or more than the suspended liability of \$24,000, and shall comply with the "Certification of Completion" provision in Section II of the Stipulated Order.