

**Central Valley Regional Board, Redding Office (Region 5-Redding)**

**SEPs, ECAs, and CPs authorized and/or completed since January 1, 2012**

<b>Discharger/Facility</b>	<b>Enforcement Order Number</b>	<b>Type</b>	<b>Category</b>	<b>Amount</b>	<b>Project Description</b>	<b>Effective Date</b>	<b>Status</b>	<b>Link to Final Report or audit (if available)</b>
City of Portola, Wastewater Treatment Plant	R5-2009-0504	CP	Assessment	\$66,000	Pilot study to evaluate solutions to the pH problem.	12/9/2009	Historic: 7/3/2012	--
Grizzly Lake Resort Imp Dist, Delleker Wastewater Treatment Plant	R5-2010-0543	CP	Pollution Reduction	\$30,000	Rebuild and improve effluent pumping control and monitoring systems.	3/18/2011	Historic: 11/26/2012	--
City of Redding, Clear Creek and Stillwater Wastewater Treatment Plants	R5-2012-0112	SEP	Pollution Reduction	\$1,225,000	Private sewer lateral replacement project to reduce inflow and infiltration in the sewer collection system.	12/6/2012	Historic: 10/23/2017	--
City of Dunsmuir, Dunsmuir Wastewater Treatment Plant	R5-2012-0555	CP	Pollution Reduction	\$36,000	Disinfection Improvement Project: redirect effluent to ponds instead of river when residual chlorine is detected.	5/8/2012	Historic: 5/21/2012	--
City of Portola, Wastewater Treatment Plant	R5-2013-0578	CP	Pollution Reduction	\$12,000	Expand land application area to reduce the volume of effluent discharged to surface water.	10/1/2013	Historic: 10/4/2013	--
City of Dunsmuir, Dunsmuir Wastewater Treatment Plant	R5-2013-0584	CP	Pollution Reduction	\$39,000	Major upgrades of wastewater treatment plant	7/12/2017	Historic: 7/12/2017	--
Rio Alto Water District, Lake California Wastewater Treatment Plant	R5-2013-0593	CP	Pollution Reduction	\$3,000	Upgrade plant to stop surface water discharge and instead discharge to constructed wetlands	12/10/2013	Historic: 12/10/2013	--
City of Shasta Lake, Wastewater Treatment Facility	R5-2014-0508	CP	Pollution Reduction	\$6,000	Chlorine analyzer and sulfonator project	2/28/2014	Historic: 12/5/2013	--
City of Mt. Shasta, Wastewater Treatment Plant	R5-2014-0509	CP	Pollution Reduction	\$18,000	Chlorine/sulfur dioxide analyzer improvements	3/5/2014	Historic: 3/14/2014	--
City of Mt. Shasta, Wastewater Treatment Plant	R5-2014-0510	CP	Pollution Reduction	\$3,000	Reduce/eliminate the copper violations	2/28/2014	Historic: 11/22/2013	--
City of Red Bluff, Wastewater Reclamation Plant	R5-2014-0539	CP	Pollution Reduction	\$3,000	Buy an instrument to sample the collection system to look for copper discharges	7/10/2014	Historic: 3/27/2014	--
Quincy Community Serv Dist, Wastewater Treatment Plant	R5-2014-0540	CP	Pollution Reduction	\$54,000	SCADA and chemical pumping upgrades, generator replacement, emergency repairs to effluent pond	7/10/2014	Historic: 12/12/2012	--
City of Biggs, Wastewater Treatment Plant	R5-2014-0546	CP	Pollution Reduction	\$462,000	Convert from surface water discharge to land discharge	8/4/2014	Historic: 6/16/2014	--

Modoc Joint Unified School District, Althuras HS Geothermal	R5-2014-0575	SEP	Pollution Reduction	\$18,000	Expand the geothermal heating at the high school, and begin geothermal heating at the middle school and swimming pool. Construct a reinjection well to dispose of effluent and eliminate surface water discharge.	3/30/2015	Historic: 4/13/2016	--
Shasta CSA #17, Cottonwood Wastewater Treatment Plant	R5-2014-0580	CP	Pollution Reduction	\$81,000	Replace sand filter and install an anoxic biological selector.	3/5/2015	Historic: 2/10/2017	<a href="https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportPenaltyProjectServlet?inCommand=attachments&amp;rmIdPopUp=395417">https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportPenaltyProjectServlet?inCommand=attachments&amp;rmIdPopUp=395417</a>
City of Portola, Wastewater Treatment Plant	R5-2015-0523	CP	Pollution Reduction	\$13,322	Install an ultrasonic algae control system.	5/7/2015	Historic: 6/11/2015	--
City of Shasta Lake, Wastewater Treatment Facility	R5-2016-0502	CP	Pollution Reduction	\$6,000	Design and construct plant upgrades including nitrification and denitrification processes, and a lime-based alkalinity addition process.	5/18/2016	Historic: 5/18/2016	--
Paradise Irrigation District, Paradise Water Treatment Plant	R5-2016-0503	CP	Pollution Reduction	\$30,000	Design and construct plant upgrades to recycle filter backwash water and eliminate the discharge to surface water.	5/31/2016	Historic: 5/31/2016	--
Quincy Community Serv Dist, Wastewater Treatment Plant	R5-2016-0504	CP	Pollution Reduction, Assessment	\$24,000	(1) Modify and calibrate the chlorine analyzer, (2) perform a wastewater treatment and effluent disposal study	5/18/2016	Historic: 5/18/2016	--
City of Corning, Wastewater Treatment Plant	R5-2017-0500	CP	Assessment	\$3,000	Technical memo requesting a compliance schedule for dibromochloromethane	7/12/2017	Historic: 7/12/2017	--
City of Willows, Wastewater Treatment Plant	R5-2014-0534	CP	Pollution Reduction	\$3,000	Chlorine analyzer replacement project: to allow operators to respond quickly to overdoses of chlorine.	5/30/2014	Historic: 5/30/2014	--
Alturas City	R5-2019-0501	CP		15000	The Discharger submitted accounting records demonstrating that they had spent \$29,998.20 on engineering consulting fees and monitoring equipment to determine options to eliminate surface water discharge from the Facility and bring the discharge into compliance. The \$29,998.20 is in excess of the mandatory minimum penalty required by water code sections 13385(h) and (i), was spent prior to receiving the approved planning.	43578	Historical	--

Mt Shasta City	R5-2019-0503	CP		6000	the Discharger submitted accounting records demonstrating that they had spent \$804,094.77 on engineering consulting fees to complete the final design for the Project, which includes installing new filtration processes to reduce settleable solids in the effluent. The \$804,094.77 is in excess of the mandatory minimum penalty required by water code sections 13385(h) and (i).	4/23/2019	Historical	--
Paradise ID	R5-2017-0560	CP		18000	On 27 March 2018, as required by TSO R5-2010-0058-02, the Discharger submitted a mixing zone and dilution credit evaluation, which included a mixing zone modeling analysis, proposed confirmation sampling, and an evaluation of receiving water sampling locations. The purpose of this evaluation was to investigate if the dynamics of the discharge and receiving water would be suitable to allow for consideration of dilution credits for dichlorobromomethane and aluminum, thereby offering a pathway for the Discharger to be in compliance with future effluent limits for these constituents. the Discharger submitted accounting records demonstrating that they had spent \$18,749.52 on engineering consulting fees for the mixing zone and dilution credit evaluation described in Finding 12. The \$18,749.52 is in excess of the mandatory minimum penalty required by water code sections 13385(h) and (i).	4/23/2019	Historical	--

Dunsmuir City	R5-2020-0502	CP		30000	the Discharger submitted information about the following compliance projects: a chlorine room redesign evaluation and ultraviolet disinfection study; installation of a sodium hypochlorite dosing station, coliform sampling station, and a free chlorine analyzer; implementation of a FOG ordinance, and setting up a CCTV system to investigate the potential connection of an area storm drain to the collection system and source of inflow and infiltration. Two of the projects, the chlorine room redesign/UV study and the FOG ordinance, have already been completed. The free chlorine analyzer is in the process of being ordered, due to a long lead time, and the other projects will be completed within 18 months of the issuance of this Order. Additional information and requirements for the compliance project is contained in Attachment B of this Order.	1/15/2020	Active	--
Portola City	R5-2020-0503	CP		9000	the Discharger submitted a Compliance Project proposal to reduce the inflow and infiltration to the sewer system by injecting foam and epoxy into cracks and leaking manholes throughout the City of Portola. The Compliance Project will be completed during wet weather when inflow and infiltration are visible at the manholes. Additional information and requirements regarding the Compliance Project are contained in Attachment B of this Order, hereby incorporated by reference.	2/5/2020	Active	--
Quincy Community Services District	R5-2017-0556	CP		18000	the Discharger submitted accounting records demonstrating that they had spent \$22,175.25 on engineering consulting fees for planning of an updated treatment processes. These processes include the addition aeration basins, digesters, and secondary clarifiers. These upgrades will improve both copper and ammonia removal from the discharge. The \$22,175.25 is in excess of the mandatory minimum penalty required by water code sections 13385(h) and (i).	4/7/2020	Historical	--

Alturas City	R5-2020-0512	CP		12000	<p>the Discharger submitted a proposed compliance project to address inflow and infiltration problems in the collection system that may be affecting the Facility's performance and assess different options to eliminate surface water discharge from the Facility. The Discharger applied for grant funding to aid in the planning process in the Fall of 2016 and received the approved planning grant for \$500,000 on 6 December 2017. Also, the Discharger submitted accounting records demonstrating that they had spent \$29,998.20 on engineering consulting fees and monitoring equipment to determine options to eliminate surface water discharge from the Facility and bring the discharge into compliance. The \$29,998.20 is in excess of the mandatory minimum penalty required by water code sections 13385(h) and (i), was spent prior to receiving the approved planning grant on 6 December 2017, and was not reimbursed from the grant.</p>	43941	Historical	--
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Mt Shasta City	R5-2020-0543	ECA/CP		1166209	<p>Project</p> <p>ECA: The City has owned and operated its sewer collection system since 1912. Portions of the original collection system are still in service today. The City is located in an area that experiences intense periods of precipitation in a harsh winter environment that can result in inflow &amp; infiltration (I&amp;I) into the collection system, affecting the capacity and structural integrity of portions of the collection system. The City has noted sanitary sewer overflows (SSOs) within its sewer system. The manhole at the intersection of N. Mt. Shasta Boulevard and Alma Street has experienced four SSOs since 2014. The sewer main along McCloud Avenue has experienced eleven SSOs since 2010. The City created a Sanitary Sewer Management Plan (SSMP) in 2010, including a hydraulic evaluation of the main trunk sewers serving the City. In addition, portions of the collection system were videoed to evaluate their condition and prioritize repairs.</p> <p>CP: The City of Mt. Shasta WWTP (Facility) was constructed in 1976. The original Facility consisted of a headworks, ponds, and interim sand filters. Effluent was disposed of at the leach field or the Sacramento River discharge point. Over the years, several upgrades have been constructed at the</p> <p>Facility to comply with increasingly stringent</p>	44111	Active	--
Grizzly Lake CSD	R5-2020-0544	CP		162000	<p>The Order required the Discharger to complete two separate Compliance Projects including: 1) modify storage and operational procedures at the Facility to more effectively treat and monitor for total coliform, and 2) add permanent staff to allow current staff adequate time to complete monitoring and reporting requirements. The Discharger submitted documentation of expenditures and a certification of completion for Compliance Project 1 on 28 October 2020. The Discharger submitted documentation of expenditures and a certification of completion for Compliance Project 2 on 4 May 2021.</p>	44131	Historical	--

					<p>Project.          ECA: Replacement of an existing 12-inch deficient wastewater collection pipeline, as well as raising up two manholes that frequently backup and nearly overflow has an estimated construction cost of at least \$65,000 based upon similar prevailing wage rate public works projects recently constructed in the north state incremented by the Engineering News Record Construction Cost Index, which stands at 11,418 for May 2020. This cost does not include environmental, design, or construction management fees nor staff costs associated with engineering design support and project management. Hence the cost will far exceed the \$60,000 in suspended liabilities.          Compliance Project: : Rehabilitation of the existing traveling bridge sand filter at the Cottonwood Wastewater Treatment Plant (WWTP) has a construction cost of \$572,853 per the lowest bidder in the public bid opening on August 15, 2019. This cost does not include design or construction management fees nor staff costs associated with engineering design support and project management. Hence the cost will far exceed the \$282,000 in Mandatory</p>			
Shasta CSA #17	R5-2020-0553	ECA/CP		342000		44148	Active	--
North Yuba Water District	R5-2020-0552	CP		3000	<p>the Discharger has identified a Compliance Project to avoid future effluent limitation violations for pH and eliminate the risk of future noncompliance. The goal of the Compliance Project is to provide a more reliable water supply to the storage reservoir so the Discharger can operate the Facility to eliminate any discharge from the storage reservoir to the unnamed tributary to New York Flat Creek. By completing this goal, the Discharger will demonstrate they no longer require an NPDES permit for the Facility and will effectively correct any further violations.</p>	44148	Active	--

Biggs City	R5-2020-0556	CP		153000	<p>The Goal of the project is to convert the existing facility from surface water discharge to land disposal because the Discharger has not been able to consistently meet effluent limits and permit requirements for surface water discharge. The project is divided into two phases; both phases are required components of the Compliance Project as discussed in this Stipulated Order. Phase 1 includes: influent pump station improvements, new mechanical intake screen, improvements to the existing chlorine delivery system and improvements to the electrical power and controls for the treatment plant. Phase 2 includes: installation of monitoring wells, new effluent pump station at the treatment plant, new chlorine delivery system, new wastewater pond recycling pumps, new effluent storage basin, land application area, irrigation distribution pump station, irrigation piping, a tailwater pump station, and SCADA integration. Additionally, Phase 2 includes the dismantling and demolition of the existing surface water discharge facility.</p>	44232	Active	--
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