

EXECUTIVE OFFICERS REPORT North Coast Regional Water Quality Control Board January 2015

Executive Officer's 2014 Water Quality Stewardship Award Goes to Sanctuary Forest

Matt St. John

The Executive Officer's Water Quality Stewardship Award is an annual award given to an individual or group whose exceptional work contributes to the preservation and enhancement of surface water and groundwater quality. The Regional Water Quality Control Board and its staff spend much of its time and energy focused on the task of controlling waste discharges to the region's waters. This award is designed to acknowledge and honor our partners in water quality protection who augment the Regional Water Board's work with their own efforts in pollution prevention, waste minimization, water quality enhancement, and beneficial use restoration. Reduced stream flows invariably affect water quality conditions and associated beneficial use support, and these effects are exacerbated under drought conditions. Given the unprecedented drought conditions that have impacted stream flows and water supply throughout California these past several years, it seemed fitting to bring attention to the exemplary work of an organization that is implementing innovative approaches to addressing stream flow conditions in the north coast.

Therefore, I am pleased to announce that the Executive Officer's 2014 Water Quality Stewardship Award goes to Sanctuary Forest. Regional Water Board staff Adona White and Bryan McFadin nominated Sanctuary Forest for the 2014 award for their efforts to protect and increase instream flows in the upper Mattole River during critical low-flow periods. Sanctuary Forest is a land trust that has pursued its mission to conserve the Mattole River Watershed and surrounding areas for wildlife habitat and aesthetic, spiritual, and intrinsic values since its formation in 1987. Sanctuary Forest has exercised leadership in its community since 2002 to protect beneficial uses and reduce stream diversions during critical lowflow months, using a three-pronged approach of engaging the local community, developing legal frameworks, and incorporating scientific understandings to guide implementation and establish flow targets. Since Sanctuary Forest's pioneering work to reduce stream diversions during critical low-flow months, several other organizations have implemented comparable programs in other north coast watersheds.

The efforts of Sanctuary Forest have resulted in significant reductions of water diverted during low-flow periods in the upper Mattole River Watershed. Sanctuary Forest, with assistance from Trout Unlimited, developed a "Tanks and Forbearance" program that provides residents with large-capacity storage tanks, in exchange for legal agreements with landowners to forego pumping in the summer months. The program is a win-win that reduces stream diversions while providing a more dependable alternate supply to water users. The legal agreements have 15-year

California Environmental Protection Agency

terms and can safeguard the landowners' water rights from loss due to non-use. The process has also facilitated the registration of water use and greater compliance with water rights regulations. An important component of the program is a water rights and conservation education and outreach program to inform landowners of relevant scientific and legal matters.

This Executive Officer's 2014 Water Quality Stewardship Award to Sanctuary Forest is a statement of appreciation by the North Coast Regional Water Quality Control Board for their progressive achievements in improving stream flow conditions to support beneficial uses. Please join me in recognizing Sanctuary Forest for their outstanding work.



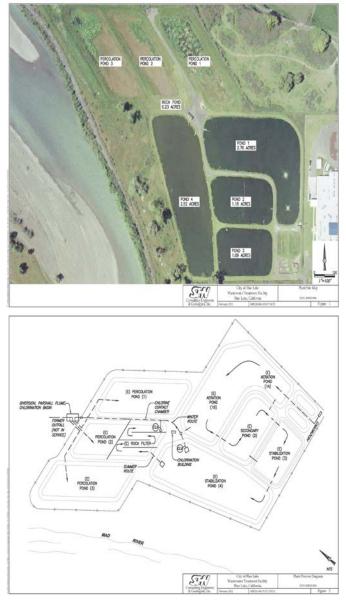
Blue Lake Wastewater Treatment Facility Update

Roy O'Connor

The California Water Environment Association (CWEA) has recognized the City of Blue Lake with the Wastewater Treatment Plant of the Year Award for the North Coast region. The CWEA is a not-forprofit association of professionals in the wastewater industry that trains and certifies wastewater professionals, disseminates technical information, and promotes policies for the protection and enhancement of the water environment.

The City of Blue Lake operates a wastewater treatment plant, which includes a collection system, treatment facility and subsurface disposal near the Mad River in Humboldt County. The wastewater treatment plant consists of four oxidation ponds, chlorine disinfection, a newly rehabilitated rock filter, and three percolation ponds for effluent disposal.

The wastewater treatment plant serves the City, the Blue Lake Industrial Park, the Blue Lake Rancheria Tribe casino and hotel, Blue Lake Power, the Mad River Brewery and a few residents located outside the City limits.



These plan view maps shows the wastewater treatment plant. Map provided by SHN Consulting Engineers & Geologists.

The collection system consists of a conventional gravity collection system with two lift stations, which pump raw wastewater to a headworks facility. At the headworks, wastewater is processed through a comminuter and an inclined screening unit that grinds, washes, dewaters, and removes inert solids. Wastewater is then pumped to a four-cell aerated pond system for secondary treatment. Treated effluent is disinfected with chlorine prior to passing through the rock filter or discharging into the percolation ponds. The filter is utilized during the summer months to remove algae.

The CWEA recognized the City of Blue Lake with the Wastewater Treatment Plant of the Year Award because of the significant upgrades that were made at the plant with limited staff and resources. "We've made a lot of minor improvements over the past two years," said Blue Lake Public Works Superintendent Glenn Bernald. "But in the last year, we did some major work around our pond system."



Oxidation ponds at the wastewater treatment plant. Photograph by Glenn Bernald, City of Blue Lake.

This past year, the city has re-armored the more than 50-year-old dikes that surround the ponds with a rock barrier, rebuilt the water platform structures at the pond outlets and re-paved the adjacent road surfaces. "It should assure that they will work for at least 50 more years" said Bernald.

The project to reinforce the dikes cost approximately \$360,000 and was funded by the Blue Lake Rancheria through a grant and a nointerest loan.



Oxidation ponds at the wastewater treatment plant. Photograph by Glenn Bernald, City of Blue Lake.

The city has also repaired and upgraded the rock filter, which used to clog with solids. The clogged front half of the filter was removed and replaced with 2 to 8-inch rock, closely resembling a trickling filter. Also, additional trees were planted adjacent to the percolation ponds for effluent/nutrient uptake.

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Enforcement Report for January 2015 Executive Officer's Report Diana Henrioulle

	Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
1	10/31/14	City of Ukiah, WWTF	ACLC	MMP	Ongoing

Comments: On October 31, 2014, the Assistant Executive Officer (AEO) issued Administrative Civil Liability Complaint No. R1-2014-0058 to the City of Ukiah WWTF, for violations subject to mandatory minimum penalties (MMPs). The proposed penalty is \$51,000. The Discharger has returned a signed Waiver Form indicating its interest in entering settlement discussions in this matter. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/4/14	Codding Construction Company	NOV	Construction General Storm Water Permit	Ongoing

Comments: On November 4, 2014, the Division Chief of the Watershed Protection Division issued a Notice of Violation (NOV) to Codding Construction Company for failure to implement adequate Best Management Practices associated with Dick's Sporting Goods. The NOV required that the Discharger provide documentation to demonstrate proper disposal of high pH water captured in the stormwater drainage system. The Discharger has responded to the NOV. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/13/14	Fernbridge Tractor & Equipment Company and Barnes Tractor & Equipment Company	CAO	Unauthorized discharge of equipment washing wastewater to the Eel River	Ongoing

Comments: On November 13, 2014, the Executive Officer (EO) issued a Cleanup and Abatement and 13267 Order No. R1-2014-0059 to the Fernbridge Tractor & Equipment Company and Barnes Tractor & Equipment Company for unauthorized surface water discharges of pollutants and wastewater associated with washing tractors and other equipment. The Order requires the Discharger to implement measures to prevent further discharges to receiving waters and to submit a Corrective Action Workplan by January 15, 2015. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/19/14	Alto Bros. Trucking Co.	NOV	Industrial General Storm Water Permit	Ongoing

Comments: On November 1, 2014, the Division Chief of the Watershed Protection Division issued an NOV to Alto Bros. Trucking Company for inadequate Best Management Practices, resulting in unauthorized discharge of sediment-laden storm water to waters of the state. The NOV directed the Discharger to take measures to implement adequate BMPs, update its Stormwater Pollution Prevention Plan, and provide a technical report confirming these efforts by December 17, 2014. The Discharger has contacted staff to advise of compliance efforts underway. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/19/14	Lewiston Park Water Company	NOV	WDRs	Ongoing

Comments: On November 19, 2014, the Office of Enforcement issued an NOV to Lewiston Park Mutual Water Company for numerous violations associated with their Wastewater Discharge Requirements. The NOV requests the Discharger to respond by December 19, 2014 to confirm or identify a date by which the violations will be corrected. A response has been received. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/19/14	Mendocino Redwood Company, LLC	NOV	Timber General WDRs, Timber Harvest Plan 1-07-145 MEN, "Soldier Frank"	Ongoing

Comments: On November 19, 2014, the Division Chief of the Nonpoint Source and Timber Harvest Division issued an NOV to Mendocino Redwood Company, LLC for failure to properly identify and treat controllable sediment sites on Timber Harvest Plan 1-07-145 MEN, "Soldier Frank," enrolled for coverage under the General WDRs for Discharges Related to Timber Harvest Activities. The NOV requires the Discharger to revise the Erosion Control Plan for this THP, and document corrective action taken at each of the identified sediment sites by December 15, 2014. The discharger met the December 15 submittal date. This case is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
11/25/14	County of Sonoma	NOV	Municipal Storm Water Permit	Ongoing

Comments: On November 25, 2014, the AEO issued an NOV to the County of Sonoma for violations associated with Municipal Storm Water Permit. The NOV requests that the violations be addressed within 45 days. This matter is ongoing.

Date Issued	Discharger	Action Type	Violation Type	Status as of December 30, 2014
12/8/14	Sonoma Soil Builders LLC	NOV	Industrial Storm Water Permit	Ongoing

Comments: On December 8, 2014, the Division Chief of the Watershed Protection Division issued an NOV to Sonoma Soil Builders LLC for unauthorized discharge of storm water from their facility located in Windsor. The NOV requires the Discharger to cease discharges of polluted storm water to waters of the State and to submit two reports: 1). A report of the corrective actions taken to address the violations, by January 8, 2015, and 2). An adequate Storm Water Pollution Prevention Plan, by February 8, 2015. The Discharger has been in contact with staff and indicated interest in and efforts underway to comply with the NOV.

