

April 2023

# BARSCREEN BEE

The Official Newsletter of the  
Northern Sacramento Valley Section of the  
California Water Environment Association



<http://nsvs.cwea.org/>

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<http://nsvs.cwea.org/>

The Barscreen Bee is a  
publication of the Northern  
Sacramento Valley Section  
of the California Water  
Environment Association.

**In-Person Training**  
**Wednesday, April 12, 2023**  
**8:30 a.m. - 1:30 p.m.**  
**Yuba City Wastewater**  
**Treatment Facility**  
**302 Burns Drive, Yuba City 95991**



8:30 **SIGN IN and NETWORK** with your peers over coffee and pastries

9:00 **Pipe Rehabilitation with a Trenchless Technology using Spray Applied Geopolymer Mortar Lining**,  
Kurt Chirbas, Western Regional Manager, GeoTree Solutions

9:50 **SB 1383 Solids Diversion—What Do We Do Now?**  
Valentino Villa, BioForceTech

10:40 **Sewer Pipe Blockage Control Program for Fats, Oils, and Grease**  
Tracy Wyhlidko, City of Redding

11:30 **LUNCH** \$15, cash or check payable to CWEA NSVS

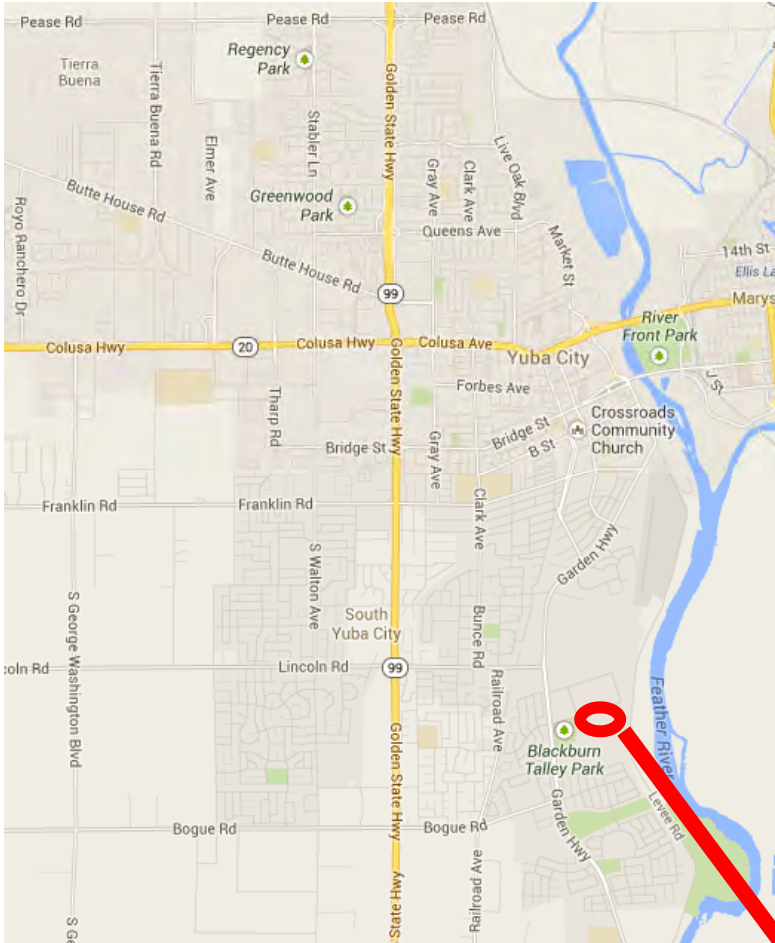
12:30 **TOUR OF YUBA CITY WASTEWATER TREATMENT FACILITY**

### Questions?

**Contact Pratyusha Reddy Reddy, President (contact info on left side-bar)**

**Attendees of technical sessions will be issued Continuing Education  
contact hours toward CWEA Technical Certification**

**In-Person Training**  
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**302 Burns Drive, Yuba City 95991**



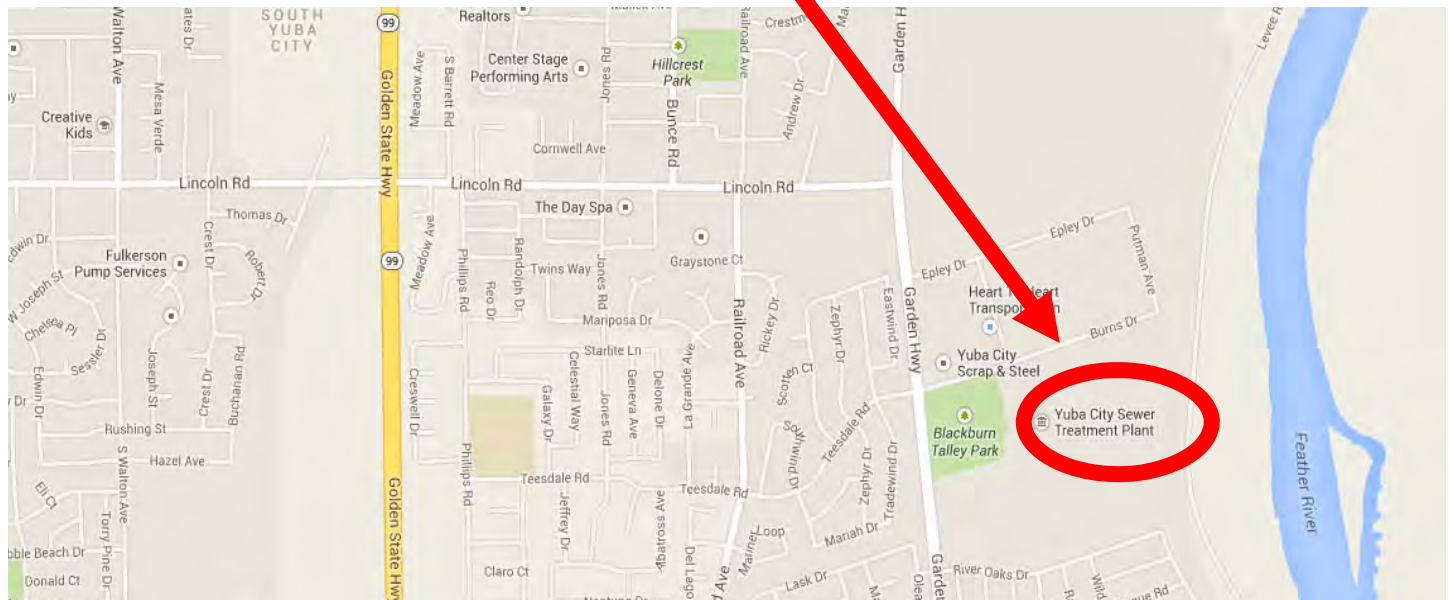
From the North:

Take I-5 to Hwy 99 South. Follow Hwy 99 to Yuba City. Turn Left on Lincoln Road, Right on Garden Highway, and Left on Burns Drive.

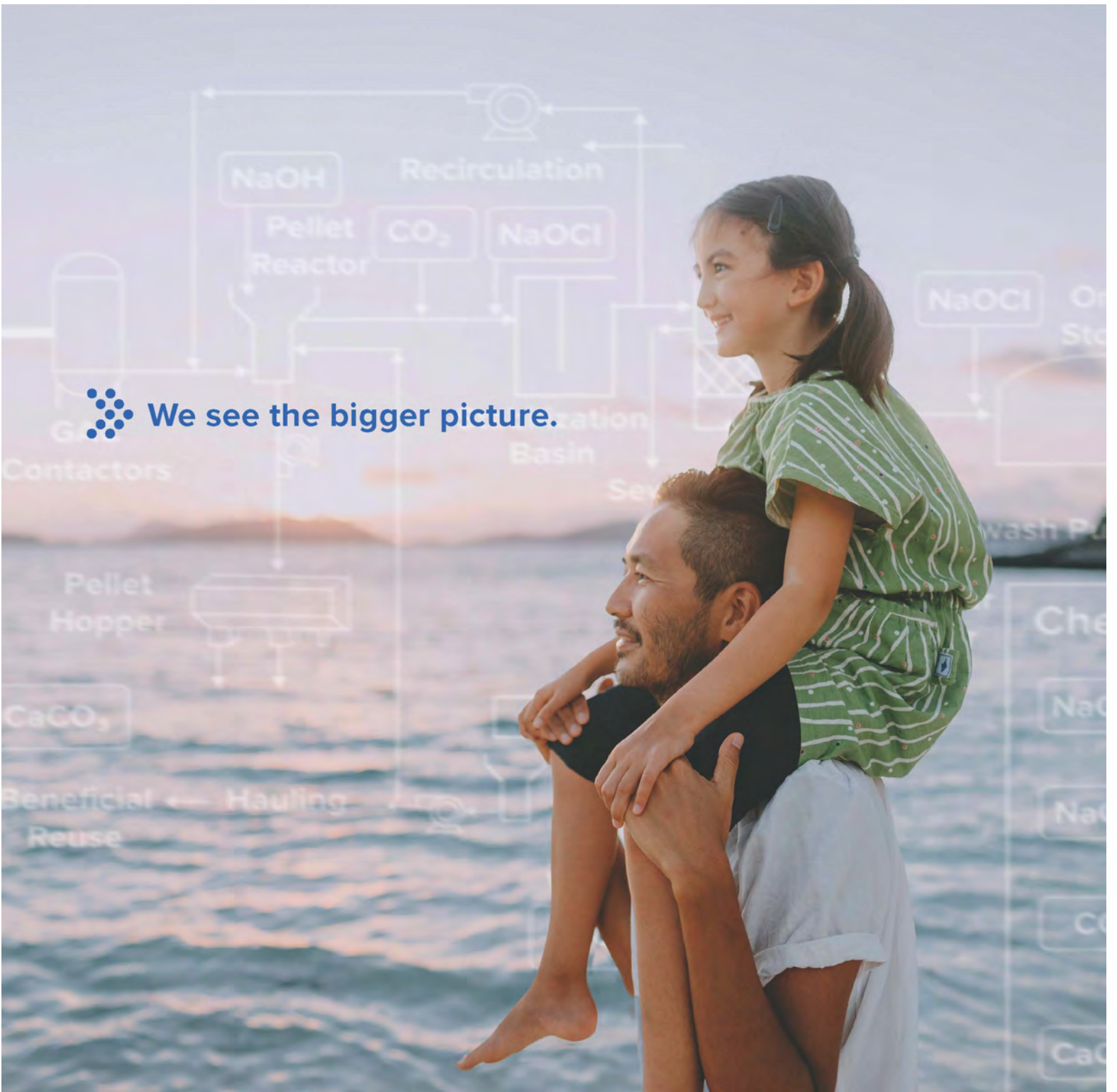
From the Sacramento area:

Take Hwy 99 North to Yuba City. Turn Right on Bogue Road. Turn Left on Garden Highway. Turn Right onto Burns Road.

Tour after lunch







We see more in water—more than the science, more than the planning, and more than the design. We see the families and communities we serve, and the increasingly fragile ecosystems we must protect. For 90 years, we've been inspired to safeguard the quality of life for all communities, developing the most innovative solutions in the water industry. It just doesn't get any bigger than that.

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## **NSVS Calendar of Events**

- Training, Wednesday, April 12, 2023, location Yuba City WWTP
- Board Meeting Wednesday May 17, 2023, 10-12, Blue Plate Special Restaurant, Orland
- Training, Wednesday, June 14, 2023, Location TBD
- Board Meeting Wednesday, July 12, 2023, 10-12, Blue Plate Special Restaurant, Orland
- Training, or Board Meeting Wednesday, August 16, 2023, location TBD
- Golf Tournament CWEA/APWA, Friday, September 15? Date and Location TBD
- Training Meeting, Wednesday, October 11 or 18, Redding
- Board Meeting Wednesday November 8, 2023, 10-12, Blue Plate Special Restaurant, Orland
- Training Meeting, Wednesday, December 6, 2023, location TBD
- Board Meeting January 2024, date TBD, 10-12, Blue Plate Special Restaurant, Orland

Board meetings are held at the Blue Plate Special Restaurant, 900 Newville Rd, Orland, CA 95963.

Members are always welcome to attend the board meetings.

Contact [twyhliko@cityofredding.org](mailto:twyhliko@cityofredding.org) or 530-224-4319, or any of the NSVS Executive board members for information regarding board meetings.



Northern Sacramento  
Valley Section  
CWEA  
ANNUAL AWARDS BANQUET

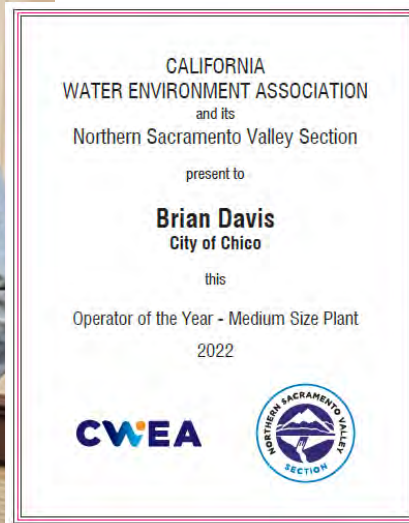


Red Lion Hotel  
Redding, CA  
February 4, 2023



Installation of 2020 NSVS Officers  
*By Arvind Akela*

- President ..... Pratyusha Reddy-Reddy, Jacobs
- Vice President..... Kevin Garner, City of Redding
- Secretary/Treasurer..... Nikki Ong, Carollo Engineers
- Director..... Laci Heggstrom, City of Yuba City
- Past President..... Josh Vandiver, City of Redding
- Newsletter/Membership..Tracy Wyhlidko, City of Redding




Shaun Vega-Sanchez Not pictured








CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section  
present to  
**Diana Dore  
Jacobs**  
this  
Administrative Professional of the Year  
2022

**CWEA** 




CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section  
present to  
**City of Redding**  
this  
Collection System of the Year Medium  
2022

**CWEA** 



CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section  
present to  
**Brandon Bishop  
City of Redding**  
this  
P3S Person of the Year  
2022

**CWEA** 



CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section  
present to  
**Tracy Wyhlidko  
City of Redding**  
this  
Quarter Century Award  
2022

**CWEA** 






CALIFORNIA  
 WATER ENVIRONMENT ASSOCIATION  
 and its  
 Northern Sacramento Valley Section  
 present to

**Tom Warnock**  
 PACE Engineering

this

Lifetime Achievement Award  
 2022

**CWEA** 



Northern Sacramento Valley  
 Section CWEA  
 Past-President Award  
 Presented to  
 Josh Vandiver

Presented by Arvind Akela,  
 CWEA Former State President




CALIFORNIA  
 WATER ENVIRONMENT ASSOCIATION  
 and its  
 Northern Sacramento Valley Section  
 present to

**Boyd Murchison**  
 Susanville Sanitary District

this

Laboratory Person of the Year  
 2022

**CWEA** 



CALIFORNIA  
 WATER ENVIRONMENT ASSOCIATION  
 and its  
 Northern Sacramento Valley Section  
 present to

**Brianna Barton**  
 Carollo

this

Outstanding Service Award  
 2022

**CWEA** 





CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section

present to

**Greg Axline**  
Olivehurst Public Utilities District

this

Operator of the Year, Small Plant  
2022



CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section

present to

**Pa Lee**  
Laboratory Analyst  
City of Yuba City

this

Outstanding Young Professional of the Year  
2022



CALIFORNIA  
WATER ENVIRONMENT ASSOCIATION  
and its  
Northern Sacramento Valley Section

present to

**Jerry Stephens**  
Jacobs  
Red Bluff Wastewater Treatment Plant

this

Supervisor of the Year  
2022



**WELCOME**  
to the  
Northern Sacramento Valley Section  
of the  
**C.W.E.A.**  
**AWARDS BANQUET**  
and  
Installation of Officers





# Pumps Ragging?

## Problem Solved

### Case Study: Half Moon Bay CA

#### Problem:

- Pumps clogging usually twice per week and took 1 hour to clean each pump.
- Risk to employees lifting pumps & exposed to waste, sharps etc.
- Excess energy consumption & high energy bills.

#### Solution:

- DeRagger+ and Keypad installed in control Panel.
- *Real Time Pump Protection* used to detect rags and run pump reversal via VFD.

#### Result:

- Energy Savings: 19% or \$500 per month in PG&E bills
- Near complete reduction in ragging.
- Big savings on manpower now effectively utilized rather than for cleaning pumps. Savings at \$735 per month.
- Reduced pump Run Time with clean pump

**Total cost savings as projected by sewer authority: \$14,820 per year.**

*"We found that the energy usage has decreased to approximately 20% which shows a \$500 savings on our PG&E bill. This is besides the fact that we have been able to save manpower and utilize them for other activities instead of the constant cleaning."*

- Kishen Prathivadi, P.E, PMP, Sewer Authority Mid-Coastside

## DERAGGER



### Easy, Fast, and Inexpensive

**Call for a free evaluation of your pump ragging problem.**



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[info@PontonInd.com](mailto:info@PontonInd.com)

# Job Postings

<https://www.governmentjobs.com/careers/reddingca>

City of Redding: Industrial Waste Analyst, Full-Time, Application Closing 4/30/2023  
\$63,228 - \$88,968 Annually. Must have the ability to acquire CWEA Environmental Compliance Inspector Grade II within 12 months of hire.

City of Redding: Wastewater Laboratory Technician, Application Closing 04/16/23  
\$54,953.60 - \$70,137.60 Annually

City of Redding: Public Works Maintenance Worker, continuous recruitment

Regular Full-Time Positions \$26.85 - \$28.20 per hour

Full-Time /Part-Time Temporary Positions \$18.24 - \$20.68 per hour

The City of Redding is accepting applications for the position of Public Works Maintenance Worker for various Divisions including Streets, Parks, Storm Drains, Water and Wastewater. This position performs a wide variety of unskilled and semi-skilled work on City facilities.

City of Redding: Assistant Engineer/Associate Civil Engineer, continuous recruitment

Assistant Engineer: \$5,768 - \$8,117 monthly, Associate Civil Engineer: \$6,909 - \$9,721 monthly

<https://www.ci.anderson.ca.us/departments/personnel/index.php>

City of Anderson: PUBLIC WORKS SUPERINTENDENT Street, Water, Building Salary Range:  
\$82,326 - \$110,282/Annually Closing Date: April 18, 2023 5:00pm

<https://www.governmentjobs.com/careers/chico>

City of Chico, Industrial Waste Inspector, Salary \$48,193.60 - \$66,560.00 Annually

One vacancy currently exists at the City of Chico Wastewater Treatment Plant. The Industrial Waste Inspector performs inspection, testing, and recordkeeping for industrial and hazardous waste monitoring and sewage pre-treatment programs.

City of Chico Maintenance Worker, Salary \$35,921.60 - \$49,524.80 Annually

This recruitment is to create eligibility lists for upcoming positions in Public Works - Operations & Maintenance. There are current vacancies in Street Trees and Storm Drain, and potential upcoming vacancies in Parks and Underground. Eligibility lists may be used for vacancies in: Facilities/Landscape, Parks/Street Trees, Right-of-Way, Underground, Encampment/Shelter, or other divisions.

City of Chico, Senior Civil Engineer, \$105,206.40 - \$145,017.60 Annually, Public Works – Engineering

City of Chico, Senior Development Engineer, \$105,206.40 - \$145,017.60 Annually, Public Works – Engineering

City of Chico, Wastewater Treatment Plant Operator II or III, \$50,585.60 - \$88,816.00 Annually + Signing bonus, Public Works - Operations & Maintenance



# More Job Postings

<https://www.governmentjobs.com/careers/yubacity>

City of Yuba City, Wastewater Treatment Facility Operator Trainee (Part-Time/Temporary)

Applications closing 4/14/23

WASTE WATER TREATMENT FACILITY - 302 Burns Drive, Yuba City Part-time - \$22.23 - \$27.02 Hourly

Are you interested in starting a career in Wastewater Treatment ? The City of Yuba City's Public Works Department is seeking qualified candidates who are interested in beginning their career as a Wastewater Treatment Facility Operator Trainee in this part-time/temporary position.

City of Yuba City,

Water Treatment Plant Operator Trainee (Part-Time/Temporary) Applications closing 4/14/23

WATER TREATMENT PLANT - 701 Northgate Blvd, Yuba City Part-time - \$22.23 - \$27.02 Hourly

<https://jobs.cwea.org/jobs/203536029-utility-worker-at-burney-water-district>

Burney, California Posted March 10, 2023

Burney Water District, Utility Worker, Compensation: \$37,752 to \$45,968 Annually

Medical, Dental, Life Insurance and Retirement

If you are interested in a rewarding and challenging career in the water industry, the Burney Water District has an opportunity for you. This is a rare full-time career opportunity to work in Burney as a District Utility Worker. This position assists in maintenance and repair of the domestic water supply system, wastewater collection system, and wastewater treatment. The Utility Worker performs a variety of semi-skilled tasks.

<https://jobs.cwea.org/jobs/208357674-operator-iii-wastewater-at-inframark>

Operator III (Wastewater), Inframark, Willows, CA, Salary: \$32-\$34/hr

The Operator III is responsible for the operation and maintenance of equipment at our Wastewater facility in Willows CA. Candidates must have a CA Wastewater Operator Grade 3 Certification.

## SSS WDR Online Training

### Summit Partners Webinar Available on SERP Requirements in Reissued SSS WDR

On March 22, the Clean Water Summit Partners hosted a free Zoom webinar focused on required updates to Spill Emergency Response Plans under [the reissued Statewide Sanitary Sewer System Waste Discharge Requirements Order \(SSS WDR\)](#), which was adopted by the SWRCB on December 6, 2022. The video recordings and presentation slide decks are accessible [here](#). The webinar featured presentations on updates to enrollees' Spill Emergency Response Plans which are due by June 4, 2023. The presenters reviewed requirements in the reissued General Order driving changes to existing Response Plans, walked through the portions of the plan requiring changes to provide guidance on performing updates, and discussed putting these potential changes into practice by June 4, 2023. There were multiple in-depth Question-and-Answer sessions, and these resources are all [available and archived online](#). If you have any questions, do not hesitate to reach out to [Jared Voskuhl](#) during the interim, or, you may use [the interactive FAQ document](#) to which the State Water Resources Control Board's team is providing responses.



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# 2023 Northern Sacramento Valley Section Advertising

Advertisements in the bi-monthly Northern Sacramento Valley Section (NSVS) "Barscreen Bee" newsletter may be purchased for:

- \$75 per year for a business-card size advertisement,
- \$150 per year for a half page advertisement (8.5 x 5.5 inches), or
- \$300 per year for a full page advertisement (8.5 by 11 inches).

**APPLICATION (check one):**

NSVS Advertisement for \$75/year \_\_\_\_\_ or \$150/year \_\_\_\_\_ or \$300/year \_\_\_\_\_

**DATE:** \_\_\_\_\_

**NAME** \_\_\_\_\_

**AGENCY** \_\_\_\_\_

**TITLE** \_\_\_\_\_

**MAILING ADDRESS** \_\_\_\_\_

**CITY** \_\_\_\_\_ **STATE** \_\_\_\_\_ **ZIP** \_\_\_\_\_

**PHONE** \_\_\_\_\_

**E-MAIL ADDRESS** \_\_\_\_\_

Submit application and payment to the NSVS Secretary/Treasurer:

**Nikki Ong**  
**Carollo Engineers, Inc.**  
 2880 Gateway Oaks Drive, Suite 300, Sacramento, CA 95833  
 D: 916-576-4726  
 Email: [NOng@carollo.com](mailto:NOng@carollo.com)

Make checks payable to: **CWEA NSVS**

Enclose a business card or submit electronic advertisement (jpg, gif, or pdf) to the Newsletter Editor at: [Newsletter.Editor.CWEA.NSVS@outlook.com](mailto:Newsletter.Editor.CWEA.NSVS@outlook.com).