

March 2022



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

Welcome to Online Training & Awards Ceremony

Wednesday, March 16, 2022

10:00 a.m.—12:00 p.m.

10:00 a.m. Awards Ceremony for the winners of the 2021 CWEA Northern Sacramento Valley Section Awards

10:30 a.m. "GIS for Utilities", Tyler Putt, Senior GIS Analyst, City of Redding

11:15 a.m. "SB 1383 Organic Waste Reduction and its challenges", Paul Clemens, Deputy Director of Public Works, City of Redding

Attendance will be verified during the class. For Credit hours, fill out this google form:

<https://docs.google.com/forms/d/e/1FAIpQLSd1GkcoLLrNPndRkvyLRLVeomA4sSCDihRxPFBkG31to5zxA/viewform>

To be eligible for the Award Ceremony online raffle, fill out this link:

https://docs.google.com/forms/d/e/1FAIpQLSeCfsQIzCWs1hnUYQ_gCa-0GynDv_HAXty4RfU9r8vFutZ-MQ/viewform?usp=sf_link

The training day will be held online, via MS Teams. The link to join the meeting , and phone call-in information is provided below:

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Join with a video conferencing device

[493366865@t.plcm.vc](tel:493366865@t.plcm.vc)

Video Conference ID: 114 562 403 1

[Alternate VTC instructions](#)

Or call in (audio only)

[+1 323-886-6924,,214305221#](tel:+13238866924,214305221#) United States, Los Angeles

Phone Conference ID: 214 305 221#

| [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

Attendees of technical sessions will be issued Continuing Education contact hours toward CWEA Technical Certification and/or SWRCB education points toward wastewater certification.

To find out if a class qualifies for CWEA continuing education in your area of certification, go to the CWEA web site:

<http://www.cwea.org/pdf/tcp/TrainingRelevancyList.pdf>

All wastewater relevant sessions count as one education point per 50 minute presentation for the purpose of

NSVS Calendar of Events

- Online Training and Annual Awards Ceremony
Wednesday Mar 16, 2022, 10 am-12 pm
- Board Meeting Thursday, Apr 21, 2022 10 am—12 pm, Online or at the Berry Patch Restaurant, Orland, TBD
- Training, Wednesday, May 18, 2022, location TBD
- Board Meeting Thursday, June 16, 2022 10 am—12 pm, Berry Patch Restaurant, Orland
- Training, Wednesday, July 20, 2022, location Redding
- Board Meeting Thursday, August 18, 2022 10 am—12 pm, Berry Patch Restaurant, Orland
- Training, Wednesday, Sept 21, 2022, location TBD
- Board Meeting Oct 13, 2022 10 am—12 pm, Berry Patch Restaurant, Orland
- Training or Board Meeting, Wednesday, Nov 16, 2022, location TBD
- Board Meeting Dec 8, 10 am—12 pm, Berry Patch Restaurant, Orland

Since March 13, 2020, Board Meetings have been held online. Prior to Coronavirus, most board meetings were held at 10 am at the Berry Patch Restaurant at 900 Newville Rd, Orland, CA 95963

Members are always welcome to attend the board meetings.
Contact twyhliko@cityofredding.org or 530-224-4319,
or any of the NSVS Executive board members
For location or login information to board meetings.

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



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Call for a free evaluation of your pump ragging problem.



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www.PontonInd.com

info@PontonInd.com

Annual CWEA conference in Sacramento, CA April 12-14, 2022



REGISTRATION FORM

EARLY BIRD DEADLINE IS MARCH 11

(PLEASE PRINT OR TYPE)

Name For Badge: _____

First Name: _____ Last Name: _____

Agency/Company: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Email: _____

Emergency Contact: _____ Emergency Phone: _____

CWEA MEMBER WEF MEMBER CA-NV AWWA MEMBER # _____

Non-member rates includes one year membership in CWEA. Please check here if you do not wish to take advantage of CWEA membership:

Required: agree to provide proof of vaccination or a negative COVID test and will comply with CWEA's masking requirements to participate in AC22.

Special Accommodations: Provide a description of your special needs to participate: _____

Dietary Restrictions: Please check here to include any dietary restrictions: _____

Tell us a bit about you. Please select one response for each question.

1. WHAT IS YOUR CAREER STAGE?			2. WHAT IS YOUR PRIMARY PRACTICE AREA?			
<input type="checkbox"/> Student	<input type="checkbox"/> Job Seeker		<input type="checkbox"/> Collection Systems	<input type="checkbox"/> Electrical/Instrumentation		
<input type="checkbox"/> Entry-level	<input type="checkbox"/> Journey-level		<input type="checkbox"/> Engineering	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Plant Maintenance	
<input type="checkbox"/> Supervisor	<input type="checkbox"/> Management		<input type="checkbox"/> Plant Operations	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Public Outreach	<input type="checkbox"/> Safety
<input type="checkbox"/> Executive	<input type="checkbox"/> Retiree	<input type="checkbox"/> Other	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Utility Executive	<input type="checkbox"/> Other	
3. WHAT TYPE OF ORGANIZATION DO YOU WORK FOR?						
<input type="checkbox"/> Municipal - Large (400K+ customers)				<input type="checkbox"/> Municipal - Medium (50K-400K customers)		
<input type="checkbox"/> Municipal - Small (< 50K customers)				<input type="checkbox"/> Non-municipal - Consulting Firm		
<input type="checkbox"/> Non-municipal - Manufacturer or sales representative				<input type="checkbox"/> Non-municipal - Regulator, State or Federal	<input type="checkbox"/> Other	

FULL CONFERENCE ATTENDANCE			
TUESDAY, APRIL 12 - THURSDAY, APRIL 14	(By March 11) Early Bird	(After March 11) Saver	(After March 25) Full Rate
<input type="checkbox"/> Member - Discounted	\$585.00	\$685.00	\$755.00
<input type="checkbox"/> Non-Member	\$777.00	\$877.00	\$947.00
<input type="checkbox"/> Retired Member	\$370.00	\$370.00	\$370.00
<input type="checkbox"/> Regulators and Academics	\$130.00	\$130.00	\$130.00
<input type="checkbox"/> Speaker (please include session title, date, and time)	\$351.00	\$351.00	\$351.00
<input type="checkbox"/> Student (does not include lunch) (provide proof of attendance at a college or university with a minimum of nine units)	\$0	\$0	\$0
Fee Subtotal	\$		



ONE-DAY CONFERENCE ATTENDANCE (TUESDAY or WEDNESDAY)			
	(By March 11) Early Bird	(After March 11) Saver	(After March 25) Full Rate
Please check the day you would like to attend: <input type="checkbox"/> TUESDAY, APRIL 12 <input type="checkbox"/> WEDNESDAY, APRIL 13			
<input type="checkbox"/> Member - Discounted	\$375.00	\$400.00	\$425.00
<input type="checkbox"/> Non-Member	\$567.00	\$592.00	\$617.00
<input type="checkbox"/> Speaker (please include session title, date, and time)	\$225.00	\$225.00	\$225.00
<input type="checkbox"/> Full-Time Student (must provide proof of attendance at a college or university with a minimum of nine units)	\$0	\$0	\$0
Fee Subtotal \$			

ONE-DAY CONFERENCE ATTENDANCE (THURSDAY, APRIL 14)			
	(By March 11) Early Bird	(After March 11) Saver	(After March 25) Full Rate
<input type="checkbox"/> Member - Discounted	\$145.00	\$170.00	\$195.00
<input type="checkbox"/> Non-Member	\$337.00	\$362.00	\$387.00
<input type="checkbox"/> Speaker (please include session title, date, and time)	\$87.00	\$87.00	\$87.00
<input type="checkbox"/> Full-Time Student (must provide proof of attendance at a college or university with a minimum of nine units)	\$0	\$0	\$0
Fee Subtotal \$			

SPOUSE/GUEST REGISTRATION	
<input type="checkbox"/> Name:	\$100
Fee Subtotal \$	

CONFERENCE WORKSHOPS AND TOURS		
	(By March 25) Early Bird/Saver	(After March 25) Regular
<i>Workshops and tours include a box lunch.</i>		
MONDAY, APRIL 11		
<input type="checkbox"/> PREW1: Partnering for Impact (open to everyone)	\$125.00	\$175.00
<input type="checkbox"/> PREW2: Electrical O&M: The Shocking Info Every Operator Should Know	\$185.00	\$245.00
<input type="checkbox"/> PREW3: Effective Collection System Asset Management	\$185.00	\$245.00
<input type="checkbox"/> PREW4: Process-Based Energy Strategies to Enhance Reliability	\$185.00	\$245.00
<input type="checkbox"/> PREW5: Sac State Advanced Water Treatment Operator Workshop	\$185.00	\$245.00
<input type="checkbox"/> PREW6: Pumps 101	\$150.00	\$210.00
<input type="checkbox"/> T1: Regional San EchoWater Tour	\$75.00	\$85.00
TUESDAY, APRIL 12 <i>This activity may only be purchased in conjunction with a one-day or full conference registration.</i>		
<input type="checkbox"/> PREW7: School of Solids at City of Roseville's WWTP	\$40.00	\$50.00
Fee Subtotal \$		



CONFERENCE MEAL EVENTS		
	(By March 25) Early Bird/Saver	(After March 25) Regular
<input type="checkbox"/> Women Impacting Water Breakfast (Tuesday, April 12, 7:00 a.m. - 8:15 a.m.)	\$50.00	\$60.00
<input type="checkbox"/> All Member Lunch: Follow the Money (Tuesday, April 12, 12:15 p.m. - 1:30 p.m.)	\$55.00	\$65.00
<input type="checkbox"/> Collection System Awards Luncheon (Tuesday, April 12, 12:15 p.m. - 1:30 p.m.)	\$55.00	\$65.00
<input type="checkbox"/> Free Expo Luncheon (Wednesday, April 13, 12:00 p.m. - 1:30 p.m.)	FREE with Conference Registration	
<input type="checkbox"/> Closing Ceremony and Awards Luncheon (Thursday, April 14, 12:15 p.m. - 2:00 p.m.)	\$55.00	\$65.00
Fee Subtotal		\$

ACTIVITIES AND NETWORKING		
	(By March 25) Early Bird/Saver	(After March 25) Regular
<input type="checkbox"/> Northern/Southern Regional Committee Meeting (Monday, April 11, 4:15 p.m. - 5:00 p.m.)	FREE	FREE
<input type="checkbox"/> CWEA New Member Orientation (Monday, April 11, 5:00 p.m. - 5:30 p.m.)	FREE	FREE
<input type="checkbox"/> 5S Ceremony (Monday, April 11, 5:30 p.m. - 6:00 p.m.)	FREE	FREE
<input type="checkbox"/> Icebreaker Reception (Monday, April 11, 6:00 p.m. - 7:30 p.m.)	FREE	FREE
<input type="checkbox"/> Students & Young Professionals Networking Mixer (Tuesday, April 12, 6:30 p.m. - 8:00 p.m.)	\$20.00	\$25.00
Fee Subtotal		\$

AC22 Golf Tournament		
	Individual	Foursome
<input type="checkbox"/> Haggin Oaks Golf Complex (Monday, April 11)	\$135.00	\$540.00

PAYMENT INFORMATION

TOTAL \$

Please make your check or money order payable to : **CWEA 2022 AC**. For payments by credit card, please print clearly:

Credit card: VISA MASTERCARD DISCOVER AMEX Signature: _____

Credit card number: _____ Expiration date: _____

Name of account holder: _____ Billing zip code: _____

Disclaimer: CWEA is not responsible for theft of or damage to personal or agency/company property whether intended to be used for CWEA purposes or not.

Mail registration payment and form to:
CWEA
 7677 Oakport St, Suite 1030
 Oakland, CA 94621-1935

Need assistance?
Contact Member Services
 510.382.7800 x4
memberservices@cwea.org

Announcing the newest member of the Northern Sacramento Valley
Section CWEA Family:



Our Secretary/Treasurer, Brianna Barton and her husband R.J. would like to introduce you to their daughter, Kelsie Leanne Barton, was born 1/27/22 at 4:46 a.m., 8 lbs., 6 oz., 19" long.

Brianna says the last weeks have been a blur, but I'm loving being her Momma!

CONGRATULATIONS!!





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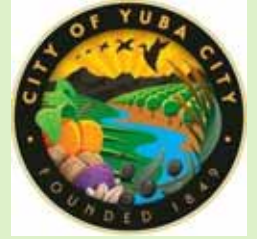
JOB POSTINGS on various city websites:

City of Yuba City, Wastewater Treatment Facility Operator
III

Continuous Job Posting

Compensation: \$36.10 to \$43.89 Hourly

Posted January 24, 2022



City of Redding Safety Specialist

Salary \$63,456.00 - \$89,292.00 Annually

Job Type Full-Time (Status 3)

Department Public Works

City of Redding Senior Civil Engineer

Salary \$88,920.00 - \$125,124.00 Annually

Job Type Full-Time (Status 3)

Department Public Works

City of Redding PUBLIC WORKS MAINTENANCE WORKER

Regular Full-Time Positions \$23.56 - \$24.73 per hour

Full-Time /Part-Time Temporary Positions \$16.00 - \$18.14 per hour

Job Type Full-time, Temporary, and Seasonal

Department Public Works

City of Chico, Engineering Technician II

Salary \$43,804.80 - \$60,403.20 Annually

Job Type Full Time

Department Public Works - Engineering

City of Chico: Wastewater Treatment Plant Operator II or III (Signing
Bonus!) Salary \$50,585.60 - \$88,816.00 Annually

Job Type Full Time

Department Public Works - Operations & Maintenance

On site Inspections and Troubleshooting
Energy Saving Upgrades



Jeff Rabas, CWP
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(303) 710-9426



Casey Rebmann
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2022
NSVS-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:

Brianna Barton, P.E.

Carollo Engineers, Inc.

2880 Gateway Oaks Drive, Suite 300, Sacramento, CA 95833

D: 916-576-4718, C: 530-391-5805

Email: BLBarton@carollo.com

Make checks payable to: CWEA NSVS

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