



October 2021

# 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.

## NSVS Calendar of Events

- Register now for Northern Safety Day (see page 2-5)
- Go to Northern Safety Day, Wednesday, Oct 20, 2021 at the Yolo County Fairgrounds, Woodland, CA
- Nominate your co-workers for CWEA and Local Section Awards, now through Nov 1, 2021. (see page 11-12)
- Board Meeting Tues Nov 9, 2021 Online
- Online Training Wednesday Nov 17, 2021, 9-11 am
- Board Meeting Tuesday Dec 14, 2021, location T.B.D.

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 [twyhlidko@cityofredding.org](mailto:twyhlidko@cityofredding.org) or 530-224-4319, or any of the NSVS Executive board members For location or login information to board meetings.



# CWEA NORTHERN SAFETY DAY



20  
OCT

## NORTHERN SAFETY DAY

### EVENT INFO

#### DATE

WEDNESDAY, OCT. 20, 2021

#### TIME

8:00 a.m. to 4:00 p.m.

REGISTER BY OCT. 7  
TO SAVE \$25

YOLO COUNTY FAIRGROUNDS  
Woodland, CA

Weather at the Yolo County Fairgrounds can be unpredictable. Please dress in layers in case of warm, cold or inclement weather. Lunch will be served outside.

REGISTER ONLINE

[events.cwea.org](https://events.cwea.org)

CWEA is excited to return to in-person training events, starting with our ever-popular **Northern Safety Day**.

With hundreds of wastewater professionals participating, you'll have a chance to reconnect with friends, participate in important safety training sessions, and enjoy a delicious BBQ lunch from Buckhorn Grill.

We'll host three tracks of training with an emphasis on preventing serious injuries and fatalities in water and wastewater. The educational tracks include: collection systems, operations, and maintenance. For your health and safety, remember to bring your mask and keep socially distanced.

### WHO SHOULD ATTEND

(subject to change)

- O&M Leaders
- Mechanics
- Electricians
- Instrumentation Technicians
- Inventory Managers
- Maintenance Schedulers
- Wastewater Operators
- Collection Systems Crews





20  
OCT

# NORTHERN SAFETY DAY SCHEDULE AT-A-GLANCE

| TIME          | EVENT   |   |  |
|---------------|---|---|--|
| 7:15 - 8:00   | <b>Registration, Continental Breakfast</b> in Home Arts Hall  |   |  |
| 8:00 - 9:00   | <b>GENERAL SESSION</b> in Waite Hall<br><b>Occupational Safety and Health Standards Board Rulemaking Process, Current and Prospective Rulemaking Workload</b><br><b>Christina Shupe, Occupational Safety &amp; Health Standards Board</b> |   |  |
|               | <b>COLLECTIONS TRACK</b><br>Waite Hall  | <b>MAINTENANCE TRACK</b><br>John Rodgers Hall   | <b>OPERATIONS TRACK</b><br>Mararviov Hall  |
| 9:10 - 10:10  | <b>Line Jetting Safety</b><br><b>Bruce Newell, Municipal Maintenance Equipment</b>  | <b>New ANSI regulations with Lifts</b><br><b>Andy Bull, CH Bull &amp; Co.</b>                 | <b>Hazard Communications</b><br><b>John Paine, Univar Solutions</b>                                  |
| 10:10 - 10:45 | <b>Expo &amp; Networking</b> in Home Arts Hall & Outside  |   |  |
| 10:45 - 11:45 | Vacuum Technology and Water Delivery of a Combination Cleaner<br><b>SI Norris, Owen Equipment</b>   | <b>Electrical Safety in Water and Wastewater</b><br><b>Ralph Stevens, E&amp;I Testing SME</b> | <b>Accidental Mixing of Chemicals</b><br><b>John Paine, Univar Solutions</b>                         |
| 11:45 - 1:15  | <b>BBQ Lunch &amp; Expo</b> , Rotary Park and Home Arts Building & Outside  |   |  |
| 1:15 - 2:15   | <b>Traffic Control</b><br><b>Ed Yarbrough, Caltrans</b>   | <b>Respiratory Safety</b><br><b>Kaila Krichmar, ehs International</b>                         | <b>Safe Handling Sodium Hypochlorite - Hydro-Chloric Acid</b><br><b>John Paine, Univar Solutions</b> |
| 2:15 - 2:45   | <b>Last Chance to Visit Expo</b> in Home Arts Hall & Outside  |   |  |
| 2:45 - 3:45   | <b>GENERAL SESSION</b> in Waite Hall<br><b>Best Practices and Safeguards During High Risk and Ever-Changing Conditions</b><br><b>Michael C. Alvarez, California Division of Occupational Safety &amp; Health</b>                          |   |  |
| 3:45 - 4:00   | <b>Door Prizes/Adjournment</b> in Home Arts Hall (must be present to win)   |   |  |

## FEATURED KEYNOTE SPEAKERS



**Christina Shupe**  
Occupational Safety & Health  
Standards Board

**Occupational Safety and Health  
Standards Board Rulemaking  
Process, Current and Prospective  
Rulemaking Workload**

Northern Safety Day will kick off with a presentation on the Board rulemaking process and current regulatory proposals in development.



**Michael C. Alvarez**  
California Division of Occupational  
Safety & Health

**Best Practices and Safeguards  
During High Risk and Ever-  
Changing Conditions**

Learn about safeguarding yourself against heat illness, wildfire smoke, COVID-19, night work, and other high-risk elements. What are acceptable best practices—both by Industry and Cal/OSHA? Where can you obtain more information and resources in safeguarding yourself during these ever-changing conditions?



# CWEA NORTHERN SAFETY DAY



20  
OCT

## NORTHERN SAFETY DAY

### HEALTH & SAFETY NOTES

The health and safety of members and fairground staff are paramount. Based on guidelines from Yolo County Public Health, California Department of Public Health, and CWEA's requirements here's what to expect:

- Attendees must wear masks indoors. Anyone without a mask will be given one to wear.
- Each attendee's temperature will be taken upon arrival at registration, and hand sanitizer must also be used.
- Hand sanitizer will be available in all meeting rooms, the expo, and outdoors in the lunch area.
- Wearing masks outdoors will be optional but encouraged, except for when partaking in meals.
- Unvaccinated attendees should practice social distancing (stand six-feet apart).
- Masks must be worn while waiting in line for meals. Food and coffee will be served to attendees. Bottled water and canned beverages will be available.
- High touch areas will be sanitized with disinfectant wipes throughout the day.



HANDS



FACE



SPACE

### CWEA DISCLAIMER

CWEA and its Board, members, and volunteers are not responsible for the actions of speakers or the contents of their papers, and no endorsement is implied or given of any persons or their philosophies, ideas, or statements, nor of any products or processes, nor of any organizations or companies who volunteer to serve as speakers at the conference or exhibitors who purchase display space in the exhibit hall. 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.

# REGISTRATION FORM

**NORTHERN SAFETY DAY**

Register online: [events.cwea.org](http://events.cwea.org)

(PLEASE PRINT OR TYPE)

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Agency/Company: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Emergency Contact: \_\_\_\_\_ Emergency Phone: \_\_\_\_\_

☐ CWEA MEMBER ☐ WEF MEMBER ☐ CA-NV AWWA MEMBER # \_\_\_\_\_

(Must have current membership for member rates.)

**Special Services:** ☐ Check here if you require special accommodations to fully participate.

Attach a written description of your needs and return it to CWEA 30 days prior to the conference.

**Dietary Restrictions:** Indicate 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"/> Executive  | <input type="checkbox"/> Retiree <input type="checkbox"/> Other | <input type="checkbox"/> Safety  | <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 |   |  |   |
| <b>REGISTRATION</b>   |   | <b>For assistance contact: MEMBER SERVICES</b><br>510.382.7800 option 4 or<br><a href="mailto:memberservices@cwea.org">memberservices@cwea.org</a> |   |
|   |   | <b>Member</b>  | <b>Non-Member</b>   |
| <input type="checkbox"/> <b>EARLY BIRD RATE</b> (Before OCT. 7)   |   | <b>\$150</b>   | <b>\$200</b>  |
| <input type="checkbox"/> <b>REGULAR RATE</b>  |   | <b>\$175</b>   | <b>\$225</b>  |
| <input type="checkbox"/> <b>STUDENT</b> Provide proof of college attendance w/minimum of 9 units.   |   | <b>\$0</b>   | <b>\$0</b>  |
| <b>Fee Total \$</b>   |   |  |   |

## PAYMENT INFORMATION

For payments by check or money order, make payable to: **CWEA NSD21**.

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: \_\_\_\_\_

### REGISTRATION OPTIONS:

1. Register online at [events.cwea.org](http://events.cwea.org)

2. Send registration form and payments to:

**CWEA Workshops**

7677 Oakport Street, Suite 1030

Oakland, CA 94621-1935

Full payment or purchase order is required to process registrations. If you have to cancel, written cancellation notice is required and must be received at least 15 days prior to the workshop date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to the event. A written special service request is required 30 days in advance.

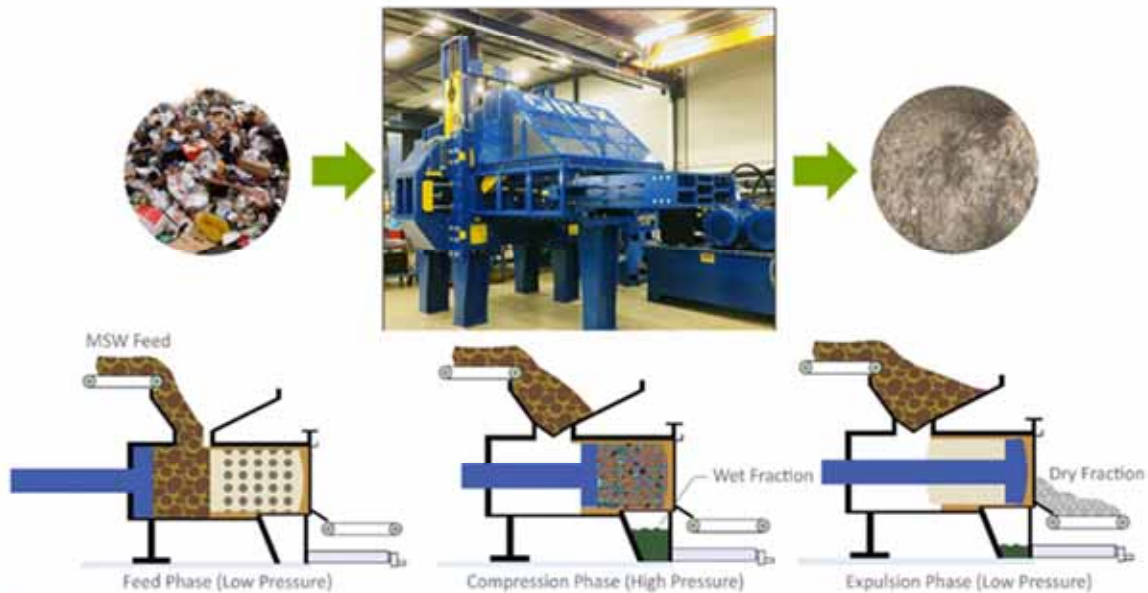


Margaret Laub from Anaergia gave a presentation encompassing their approach to optimising solids handling, digester capacity, gas conditioning/ CHP/ pipeline injection as well as their pyrolysis project in southern California. Anaergia provides full scale **solutions** to each process throughout the treatment process.

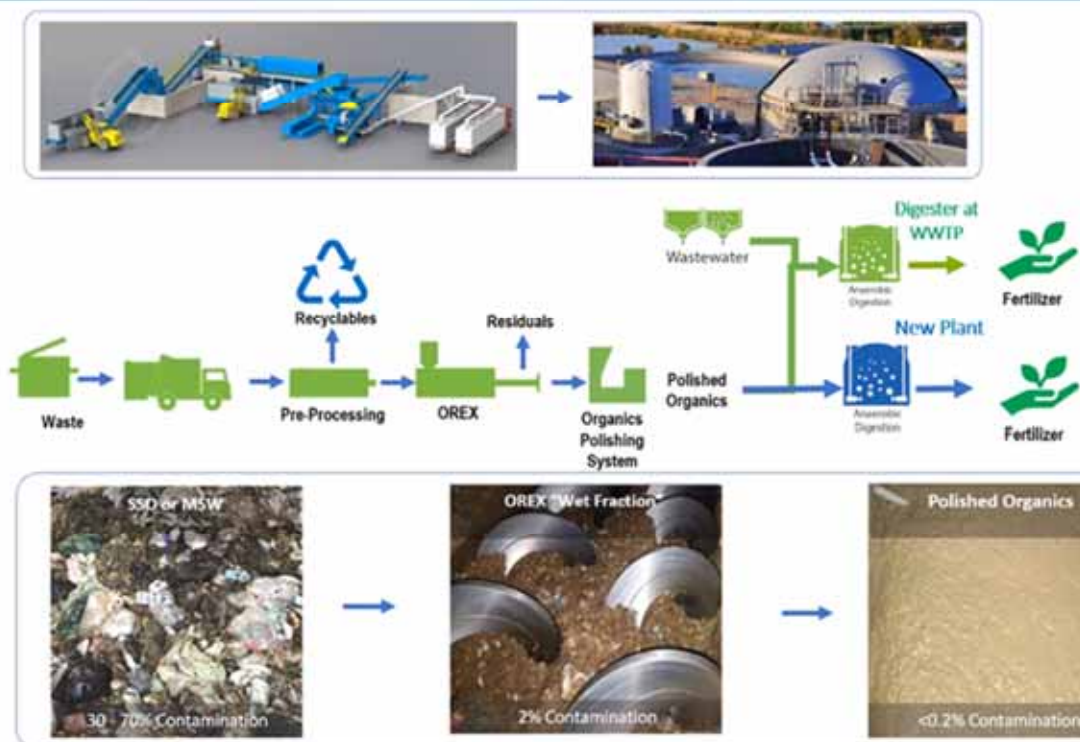
## Organics Extrusion Press (OREX) Provides Flexibility to Recover Organics from Any Waste Stream



OREX Separates Organics from MSW and Contaminated SSO Eliminating the Need for Costly Source Separation at Residences and Businesses



## OREX + Organics Polishing System (OPS) Generates Clean, Digestible Slurry

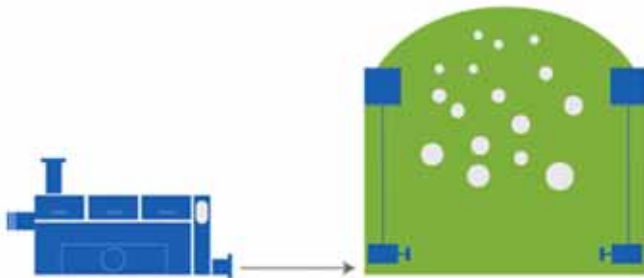


## Anaergia's Omnivore Triples Capacity in Existing Digesters at Wastewater Plants with a Simple Retrofit



Omnivore® is similar to conventional digestion with 2 changes:

1. The addition of **thickening**
2. An advanced **mixing system**



A specialized thickener feeds 12-14% solids to the digester

Submerged mixers handle high viscosity digestate



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e-mail: twarnock@paceengineering.us



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Redding, California 96001

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fax 530.243.7494

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**G3 Engineering, Inc.**  
Water and Wastewater Equipment

**G.J. (Jim) Billings III, PE**  
President

PO Box 2148  
Granite Bay, CA 95746  
jim@g3engineering.com

Phone 916-797-1880  
Fax 916-797-1881  
Cell 916-838-3913

www.g3engineering.com



# 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.**



Ponton Industries Inc.  
714 998 9073

[www.PontonInd.com](http://www.PontonInd.com)

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

Energy and cost saving calculations are as reported by Sewer Authority Mid-Coastside, using PG&E bills, known times for pump cleaning and appropriate hourly rates.



Jeff Shapiro from Jacobs gave a safety talk regarding heat injuries and wildfire smoke exposure. The talk covered individual risk factors, signs and symptoms and prevention techniques for heat exposure. The wildfire smoke discussion covered acute and chronic health effects, explained how to interpret Air Quality Index (AQI) and also covered increased risks regarding COVID-19 while sheltering from wildfire smoke exposure.

## Risk Factors - Environment

### Heat Index

- Measures how hot conditions feel to the human body
- Measured in the shade, accounts for temperature and humidity

|                       | WGBT | Heat Index |
|-----------------------|------|------------|
| Measured in the sun   | ✓    | ✗          |
| Measured in the shade | ✗    | ✓          |
| Uses Temperature      | ✓    | ✓          |
| Uses RH               | ✓    | ✓          |
| Uses Wind             | ✓    | ✗          |
| Uses Cloud Cover      | ✓    | ✗          |
| Uses Sun Angle        | ✓    | ✗          |

### Wet Bulb Globe Temperature (WBGT)

- Similar to Heat Index in that it indicates heat stress on the human body
- Measured in the sun, accounts for humidity, wind, cloud cover, and sun angle
- Most biologically relevant

| Temp F | Dwpt F | RH % | Sky % | Wind mph | HeatIdx F | WGBT F |
|--------|--------|------|-------|----------|-----------|--------|
| 90     | 65     | 42   | 05    | 03       | 92        | 89     |
| 90     | 65     | 42   | 05    | 13       | 92        | 83     |
| 90     | 65     | 42   | 65    | 13       | 92        | 81     |
| 90     | 70     | 52   | 10    | 06       | 96        | 88     |
| 90     | 70     | 52   | 60    | 06       | 96        | 86     |
| 90     | 70     | 52   | 60    | 13       | 96        | 85     |
| 100    | 70     | 39   | 10    | 13       | 108       | 90     |
| 100    | 70     | 39   | 10    | 5        | 108       | 94     |
| 100    | 70     | 39   | 65    | 05       | 108       | 91     |

<https://www.dtn.com/forget-heat-index-wet-bulb-globe-temperature-is-where-its-at/>



OEM Parts & Service

OEM Rebuild Services and Scheduled Replacements

Maintenance Agreements

On-site Inspections and Troubleshooting

Energy Saving Upgrades



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Bringing water to life

suez

AERZEN

Parkson

ALFA LOM

BRENTWOOD



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Casey Rebmman  
Aftermarket Sales Assoc.  
casey@chcwater.com  
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Aftermarket Hotline (800) 964-9733 | www.chcwater.com

## Excessive Heat and Wildfire Smoke, Protecting Outdoor Workers

### Risk Factors – Personal

- Age, weight, fitness
- Underlying conditions
  - Heart disease
  - Diabetes
  - Asthma
- Medications
- Diet
  - Caffeine
  - Alcohol (hangovers)
  - Sugary beverages
  - Heavy meals
- Smoking
- Acclimatization



### What's in Wildfire Smoke?

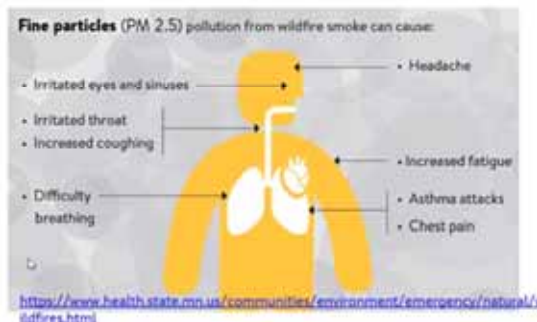
- Combustion Sources:
  - Forest/biomass
  - Residences and vehicles
  - Commercial/industrial properties and supplies
- Particle types:
  - Organic carbons (mostly < 2.5µm)
  - Soot (mostly < 2.5µm)
  - Ash (mostly > 2.5µm)
  - Gases
  - PM<sub>2.5</sub> (fine PM) deposits in deep lungs, remains more elevated in atmosphere
  - PM<sub>10</sub> (coarse PM) deposits in nose/throat, more rapidly settles from plume



### Health Effects

- Wildfire smoke can make anyone sick – even healthy individuals.
- Wildfire smoke inhalation can cause both acute and chronic health effects including:

- |                              |                                    |
|------------------------------|------------------------------------|
| • Coughing                   | • Headaches                        |
| • Trouble breathing normally | • An asthma attack                 |
| • Stinging eyes              | • Tiredness                        |
| • A scratchy throat          | • Fast heartbeat                   |
| • Runny nose                 | • Wheezing and shortness of breath |
| • Irritated sinuses          | • Chest pain                       |





# NOMINATE YOUR CO-WORKERS FOR CWEA AWARDS! Due Nov 1, 2021.

1) Visit the website

<https://www.cwea.org/awards/award-listings/>

2) Find Category information

3) Click APPLY button on category page

4) *Log in using the same credentials as [MyCWEA.org](https://www.cwea.org)* (typically you log in with your email address and your CWEA membership number as the password)

5) Fill Out Application

6) Click **Save and Finalize** to submit

- **Photo Contest**

Each year the CWEA Annual Conference Photography Committee holds a photo contest that aligns with the conference theme.

- **Gimmicks and Gadgets (O&M)**

Recognizes innovation and creativity in developing solutions to performing routine tasks or functions in maintenance, operations or construction of wastewater collection systems.

- **Golden Manhole**

This committee-specific society recognizes and honors individually, both the inductees and their employers for their combined contributions which promote increased professionalism in the collection systems field.

- **Collection System of the Year**

Given in recognition of outstanding maintenance programs, regulatory compliance and safety & training procedures. Awards are given in three categories: Small, Medium and Large.

- **Collection System Person of the Year**

Recognizes an individual for their innovation and excellence in collection systems maintenance.

- **Community Engagement & Outreach Best Use of Social Media**

Recognizes achievements in promoting awareness and understanding of water quality issues through the use of social media.

- **Electrical Instrumentation Person of the Year**  
Recognizes significant contributions to the field and an individual's contribution to CWEA.

- **Engineering Achievement**

Recognizes outstanding projects by an individual, group or agency.

- **Laboratory Person of the Year**

Recognizes involvement in projects that advance the science of laboratory technology and an individual's contributions to CWEA.

- **Mechanical Technician of the Year**

Recognizes outstanding performance, dedication to the job, and for sharing knowledge of maintenance procedures.

- **Operator of the Year**

Recognizes outstanding contributions to the operations of wastewater treatment facilities and the application of knowledge to improve plant processes.

- **Outstanding Young Professional of the Year**

Recognizes professionals who demonstrate excellence in the profession and are under the age of 35.

- **P3S Person of the Year**

Recognizes P3S professionals for exceptional achievement and contribution to the profession while being an active member of the CWEA.

- **Plant of the Year (Small, Medium, Large)**

Recognizes accomplishments in compliance, innovative practices, cost effectiveness, and superior plant performance in small, medium and large categories.

- **Research Achievement**

Recognizes outstanding engineering research by an individual, group, or agency.

- **Safety Plant of the Year**

Awarded in three categories: small, medium and large. Criteria include number of injuries, lost-time accidents, record keeping, in-house training, emergency response and program implementation.

- **Supervisor of the Year**

Recognizes successful mentoring of team members, professional development, and effective communication.

- **Quarterly Century**

CWEA Quarter Century Recognition Program honorees have dedicated their careers in a challenging and most vital profession, the water environment field.

# IT'S AWARD NOMINATION TIME AGAIN!

## Nominate your co-workers.

### Local Section Award Nominations Due Nov 1, 2021.

:

Apply through the online “Survey Monkey” links, below.

CWEA NSVS - 2021 Outstanding Service Award Nomination Form:

<https://www.surveymonkey.com/r/Q6FLTTK>

CWEA NSVS - 2021 Inspirational Award Nomination Form:

<https://www.surveymonkey.com/r/QZCVZCQ>

CWEA NSVS – 2021 Lifetime Achievement Award Nomination Form:

<https://www.surveymonkey.com/r/QZFHMX3>

CWEA NSVS - 2021 Administrative Professional of the Year

Nomination Form: <https://www.surveymonkey.com/r/Q65L7ZN>







OUR WORLD IS CHANGING.  
**OUR PASSION REMAINS THE SAME.**

  
*Engineers...Working Wonders With Water®*

**WATER**  
OUR FOCUS  
OUR BUSINESS  
OUR PASSION

Change is happening at a pace we've never seen before. Climate change, sea level rise, cyber threats, aging infrastructure...and now an unprecedented health crisis from a global pandemic. Anticipating change and managing our most precious resources through these conditions has become a daunting task. For more than 85 years Carollo has delivered innovative solutions to meet today's challenges while being adaptive to an unknown future. By never wavering from our singular, passionate focus on water, we can meet the challenge of change head on, and help build a better world for generations to come.

1.800.523.5826 | [carollo.com](http://carollo.com)

# JOB POSTINGS on CAWaterJobs.com:

Posted August 11, 2021, The City of Chico, California, is currently recruiting for Wastewater II or III Operators. Chico, CA. \$45,968 to \$80,745

Chico offers a very generous benefits package, including CalPERS retirement. Positions will be filled at the Operator II or III level, depending on candidate qualifications. The City is now offering a signing bonus of up to \$10,000 level III Operators!

Posted Sept 28, 2021, Wastewater Treatment Facility Operator II/III, City of Yuba City  
Yuba City, CA Compensation: \$31.40 to \$43.89 Annually

Posted Sept 28, 2021, Water Distribution Operator I/II/III, City of Yuba City  
Yuba City, CA, Compensation: \$25.06 to \$40.28 Hourly

City of Dunsmuir Lead Wastewater Treatment Plant Operator, no salary or deadline information listed. <http://www.ci.dunsmuir.ca.us/employment> For more information visit the city's website: [www.ci.dunsmuir.ca.us](http://www.ci.dunsmuir.ca.us) Our mailing address is City of Dunsmuir, ATTN: City Manager 5915 Dunsmuir Ave. Dunsmuir, CA 96025 no applications will be accepted via email.

**PUBLIC WORKS DIRECTOR** The City of Dunsmuir CA has an opening for a Public Works Director. Under the direct supervision of the City Manager, the incumbent will plan, organize, control, and direct Public Works operations and activities including the maintenance and repair of streets, sidewalks, buildings, and water, sewer, and wastewater systems, and equipment. This position is also responsible for Public Work's communications, projects, personnel, and information to meet City needs and ensures department efficiency. Performance evaluations of assigned personnel, and performs related duties as assigned.

Minimum qualifications for the position includes at least five years of progressively responsible experience, a Bachelor's Degree, and a Waste Water III Certificate

The application deadline is open until filled (first review of applications will be October 22nd, 2021). Starting pay is \$90,000 per year.

**PUBLIC WORKS SUPERVISOR** The City of Dunsmuir CA has an opening for a Public Works Supervisor Position. Under the direct supervision of the Public Works Director and City Manager, oversees the work of maintenance personnel in activities such as street maintenance, infrastructure, and equipment maintenance. The incumbent will also be responsible for the supervision of landscape area maintenance, the operation of heavy construction equipment such as a road grader, backhoe, bulldozer, road roller, snow plow, and maintenance equipment such as a street sweeper. The position also requires the maintenance of records, labor, and equipment used on projects; sees that the equipment is properly operated and maintained, and participates in the work of the crew.

The deadline for application is: open until filled (first review of applications will be October 15, 2021). Starting pay is: \$26.55 per hour. ATTN: City Manager 5915 Dunsmuir Ave. Dunsmuir, CA 96025 no applications will be accepted via email.





2021  
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

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