

May 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.

## Welcome to Online Training Wednesday, May 26, 2021 9:00 a.m.—11:00 p.m.

For Credit hours, fill out this form:

[https://docs.google.com/forms/d/e/1FAIpQLSfWY1v-SWcHgeY0Vm3tJKIODLcIyqAF8CVR\\_rHIHih6o3pLZA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfWY1v-SWcHgeY0Vm3tJKIODLcIyqAF8CVR_rHIHih6o3pLZA/viewform?usp=sf_link)

Attendance will be verified during the class.

The training day will be held online, via MS Teams. The link to join the call, 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: 117 716 484 9

[Alternate VTC dialing instructions](#)

**Or call in (audio only)**

[+1 323-886-6924,,343136811#](tel:+13238866924343136811) United States, Los Angeles

Phone Conference ID: 343 136 811#

**9am—"Oh Grit! We have to fix it again!"**

**Presented by Marcia Sherony - Hydro International**

**10am – "WATS (Wastewater Aerobic/Anaerobic Transformation in Sewers) Modelling"**

**Presented by Adrian Romero – Jacobs**

**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](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 SWRCB operator certification.

## NSVS Calendar of Events

- Online Training Wednesday May 26, 2021 9-11 am (SEE PAGE 1)
- Board Meeting Tuesday June 8, 2021 10:30 am
- Online Training Wednesday July 28, 2021 9-11 am
- Board Meeting Tuesday Aug 10, 2021 10:30 am
- Training Wednesday Sept 22, 2021 9-11 am, location To Be Determined (T.B.D.)
- Board Meeting Tuesday Oct 12, 2021 10:30 am, location T.B.D.
- Board Meeting or Training Nov 17, 2021, location T.B.D.
- 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

twyhliko@cityofredding.org or  
530-224-4319,

or any of the NSVS Executive  
board members

For location or login information to  
board meetings.



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# 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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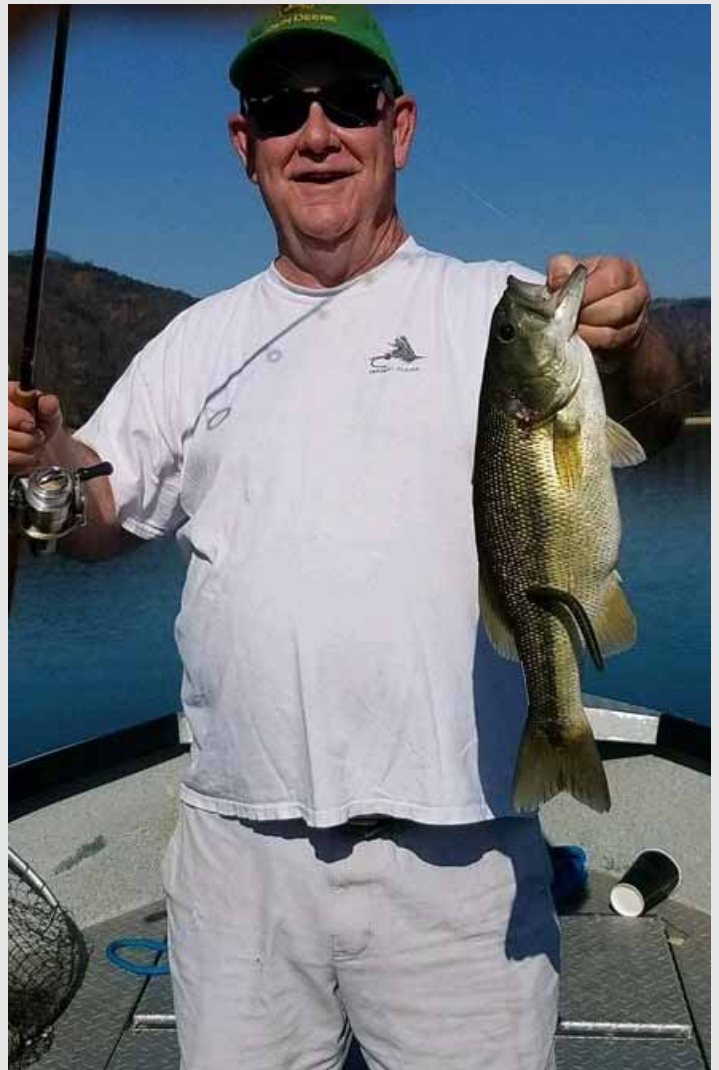
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## OBITUARY: RICK HARRIS

Rick Harris unexpectedly passed away on May 3, 2021 at the age of 64. Rick was actively involved with the CWEA for over 30 years. He was the Facility Manager with ECO Resources for the City of Winters wastewater treatment plant for several years. He won numerous awards in Winters; Plant of the Year multiple times, Supervisor and Operator of the Year. He then transferred to the Corning Wastewater treatment plant, which was operated by Southwest Water Co. and was an operator and manager of the Sewer Cleaning Dept. Rick then decided to move to Redding to be close to his daughter Aubrey and accepted a job as an operator with the City of Redding Stillwater treatment plant in September 2005. He was an active participant in CWEA. He attended the CWEA conferences, training sessions, Annual Banquets and was awarded the gold shovel. After one of the Annual CWEA conferences he wasn't feeling well, sweating, heart rate up and decided to go to Immediate Care. The doctor said, "What have you been eating for the last three days?" Rick responded "green olives" (Martini's). He had the best sense of humor and was a "tell it like he saw it" kind of man. Those who knew Rick personally know that he had a big heart, loved to laugh and was reckless! In December 2018, Rick decided to retire and enjoy the things he liked to do. He loved to play golf, go fishing, head to the mountains and spend time with his daughter and family. Rick was a dear friend of mine and my family, as we worked together for over 20 years.

By Kathy Stone





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# JOB POSTINGS on CaWaterJobs.com:

Wastewater Plant Operator - Grade III/IV/V  
City of Redding, Redding, CA, USA Full Time  
Compensation: \$26.89 to \$36.05 Hourly

Utilities Maintenance Worker I  
City of Dunsmuir, Dunsmuir, CA, USA Full Time  
Compensation: \$20.09 Hourly, Benefits are included

Posted April 15, 2021

City of Chico

Wastewater Treatment Plant Operator II or III (Signing Bonus!)

City of Chico, Chico, CA, USA Full Time

Compensation: \$45,968 to \$80,745.60 Annually

The City of Chico offers a robust benefits package and CalPERS retirement.

Electrical Technician

City of Chico, Chico, CA, USA Full Time

Compensation: \$53,248 to \$73,403 Annually

The City of Chico offers a robust benefits package, including CalPERS retirement.

Posted May 18, 2021

Sewerage Commission Oroville Region (SC-OR)

Wastewater Operator - In- Training

Sewerage Commission Oroville Region (SC-OR), Oroville, California, USA Full Time

Compensation: \$3,776.93 to \$4,291.73 Monthly

Calpers retirement, Medical, Dental and Vision

FOREMAN/FIELD

OPERATIONS TECHNICIAN

Lake Oroville Area Public Utility

District

Oroville, CA, USA Full Time

Compensation: \$24.19 to \$31.19

Hourly

The logo for Aquadyne Associates features the word "AQUADYNE" in a large, bold, blue, sans-serif font. Below it, the word "ASSOCIATES" is written in a smaller, blue, sans-serif font.

**Alex Ambrosi**

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alex@aquadyneassociates.com

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710 C Street, Suite 200

San Rafael, CA 94901



# JOB POSTINGS on County websites:

## SHASTA COUNTY

Associate Engineer, Full-Time Regular \$87,048.00 - \$111,096.00 Annually  
 Continuous Recruitment Public Works Department

## BUTTE COUNTY

Civil Engineer, Associate

Regular Help \$71,344.00 - \$95,638.40 Annually 05/06/21  
 Engineering / Public Works Public Works Department Oroville, CA 214313161

Engineer, Assistant New

Regular Help \$57,096.00 - \$76,502.40 Annually Continuous 05/17/21  
 Engineering / Public Works Public Works Department Oroville, CA 214314185

Engineering Technician, Associate - Extra Help

Extra Help \$47,840.00 - \$64,126.40 Annually 05/23/21 05/07/21  
 Engineering / Planning and Development / Public Works  
 Public Works Department Oroville/Chico Area, CA 214324156EH

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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 \_\_\_\_\_

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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](mailto: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:  
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