



# North Coast Section California Water Environment Association



# SeaWEA

QUARTERLY NEWSLETTER OF THE NORTH COAST SECTION CWEA  
August 2011

---

## President's Message

By Gregory Orsini

Greetings everyone, I hope all the troubles of the winter months are only slight memories and everyone is busy with summer projects. This is an ideal time of the year to get out and smoke test for issues that have the potential cause Inflow and Infiltration. When the ground is dry, breaks in the pipe allow smoke to surface so the locations can be noted for future examination. It also allows utility persons to get out in the field and visually inspect cleanouts for proper fitting caps or plugs.

Our annual Golf tournament was conducted in June with a respectable turnout and some pretty cool prizes. There were 7 teams comprised of 28 people. The weather was great and as usual everyone had a great time. Next year we will note a change as Mickey Hulstrom of HCSD will be stepping down as the organizer of the tourney and James Henry of MCSD will be picking up the torch. Mickey has been responsible for organizing the tourney for many years and has done an excellent job. When you see him around make sure you let him know how much we all appreciate his work organizing the tourney.

Historically the Northern Section has held a mini conference in October and usually is related to safety. This year we are departing from our normal approach and are putting together a true conference style with subjects related to Collection Systems, Safety, Operator training and Recycled Water. The conference will be held at Redwood Acres in Eureka and will be on October 6<sup>th</sup>.

If you head over to our website <http://www.cwea.org/nc/NCINDEX.htm> you will see we have a lot of information regarding upcoming events, contact information and links of interest. We are trying an automated registration process using Paypal. I would like to thank Jillian Yerby, our Program Chair for working on this and getting it operational.

## **2011 North Coast Section Officers and Committee Chairs**

Position	Name	Employer	Phone and Email
Chairman	Greg Orsini	McKinleyville CSD	(707) 839-3251 operations@mckinleyvillecsd.com
Vice-Chairman & Technical Certification Chairman	Hank Brenard	City of Fortuna	(707) 616-2474 hbrenard@ci.fortuna.ca.us
Secretary	Orrin Plocher	Freshwater Environmental Services	707-498-9071 orrin@freshwaterenvironmental services.com
Treasurer	Michael Hansen	City of Eureka	(707) 441-4363 mphansen@ci.eureka.ca.gov
Webmaster	Mike Freeman	McKinleyville CSD	(707) 839-3251 mfreeman@mckinleyvillecsd.com
Newsletter Editor	Abram Crow	Student	acrow752@mycr.redwoods.edu
Northern Regional Committee Representative	Clay Yerby	City of Eureka (retired)	clayerby@gmail.com
Membership Chairman	Mike Veach	SHN Consulting Engineers	mveach@shn-engr.com
Program Chairperson	Jillian Yerby	SHN Consulting Engineers	jillianyerby@gmail.com
Safety Chairman	Doug Culbert	City of Ferndale	(707) 845-2087 chiefoperator@ci.ferndale.ca.us



Motor controls are explained in-depth to an eager batch of operators at a recent training taught by Bil McBroom (MCSD) and Hank Brenard (Fortuna). A review of this class will be offered at the upcoming Fall Conference, October 6.

CWEA with the North Coast Section is Proud to Present:



## 2011 North Coast Fall Conference

Friday, October 6, 2011

Redwood Acres Fairgrounds, 3759 Harris, Eureka, CA

### “Tomorrows water: reclaiming our resources”

#### Training Session Topics:

- .Safety
- .Collection Systems
- .Operations and Maintenance
- .Bio-Solids

Local and regional vendors will be available.

Live demonstrations.

Lunch is provided with registration.

Cost: \$40.00

HSU and CR students FREE with pre-registration.

Interested in presenting? Contact Jillian Yerby.

#### North Coast Section Fall Conference Registration Form



California  
Water  
Environment  
Association

Name	_____
Company/Agency	_____
Address	_____
	_____
Phone	_____

Please mail this form to:  
CWEA Mini Conference  
c/o Jillian Yerby  
jillianyerby@gmail.com  
812 West Wabash  
Eureka, CA 95501  
(707) 441-8855  
Or fax to 707 444 8877

**Don't miss this Opportunity by not Pre-Registering!!**

# **NORTH COAST SECTION GOLF TOURNAMENT 2011**

By Mickey Hulstrom & James Henry

Many thanks to all who participated in the Tenth Annual North Coast Section CWEA Golf Tournament. The weather was perfect and the golfers had a great time. There were seven teams battling amongst each other for the coveted first place bragging rights in the Four-person Scramble at the Eureka Municipal Golf Course on June 25<sup>th</sup>. The final calibrated scores had all teams within 6 strokes of each other. This was a tight year in the standings. We had a three way tie for the Net score (low score with the handicap). The Golf Pro was kept busy re-evaluating how the tying teams did on certain holes to arrive at a tie breaker winner.

After losing many golf balls and score cards adjusted for the Peoria Handicap, the teams finished in the following order:

First Place went to “LACO Fearsome Foursome”. The team representing LACO & Associates consisted of: Charles Roecklein, Dale Romanini, Chad Christie, & Bob Marino

CONGRATULATIONS!

Second Place went to “Turd Herders”. The team representing the McKinleyville Community Services District consisted of Jason Patton, Chris Jones, James Henry, & Dale

First Place for Lowest Team Score without the Handicap went to “Compost Caddies”. The team representing the City of Fortuna consisted of: Mike Flockart, John Crotty, Kevin Carter, & Jessie Suelzle

The “Most Honest Team” award (last place) went to team “Gophers”. The team consisted of: Dan Smith, Stan Terris, Roy Harding, & Hymie Yellon. This team represented the City of Eureka.

Prizes were also awarded for KP’s (closest to the pin) on three holes and a longest drive prize. Those winners were Todd Wright, Eric Frey, Dale Romanini, and Mike Flockhart.

Finally, I would like to thank the Sponsors who made a donation for the tournament.

Keenan Pipe & Supply

Winzler & Kelly Consulting Engineers

SHN Consulting Engineers

LACO & Associates

Sacred Ground Organic Coffee

Freshwater Environmental Services

Thrifty Supply

Eureka Municipal Golf Course

North Coast Section CWEA

If it weren’t for their support this tournament would not have been so successful. If possible let’s send some business their way.

Hope to see you next year. Keep on hacking!

## **Upcoming Training and Tests**

### CWEA North Coast Section Conference

Pre-Register now for this Exciting Local Training Day. See attached flier above.

October 6 – Tomorrow’s Water: Reclaiming Our Resources

### Rural Community Assistance Corporation – Local Wastewater Training

More information and registration links can be found at [www.rcac.org](http://www.rcac.org), click on the training and events tab.

September 20 - Online Wastewater Grade 1 and 2 Operator Certification Preparation.

### City of Fortuna

Hank Brenard and the City of Fortuna are hosting free training sessions for their staff and interested local agencies. Seating is limited to 8-10 non-Fortuna employees at each session, so folks should contact Hank via e-mail ([hbrenard@ci.fortuna.ca.us](mailto:hbrenard@ci.fortuna.ca.us)) for further information or to reserve a seat. The sessions have been granted approval by the agencies listed on the announcement and are designed to cover multiple areas of certification.

**-August 26 - Anaerobic Digestion.**

-September 30 – Nutrient Removal.

### Upcoming Testing Schedule

CWEA Certification <http://cwea.org/pdf/tcp/tcpappl.pdf>

**Registration Deadline, August 31, 2011**

Testing Window October 1 – December 31

## **Local Job Postings**

Public Utility Operator, City of Blue Lake, Min. OIT Capacity, prefer WWTP Operator, Grade 1. Water Distribution Operator License, preferred or ability to obtain same within 1 year. Position also involves maint. of utilities, public grounds and roads. Specify salary expectations. Excellent benefits. Resume, licenses, and 5 references to City Manager, City of Blue Lake, via email: [citymanager@bluelake.ca.gov](mailto:citymanager@bluelake.ca.gov). Position open until filled.

Public Works Superintendent, City of Arcata, **First Review Date August 29**, responsible for the day-to-day management of a significant portion of the City’s public works operations and maintenance activities including streets, water distribution system, wastewater collection system, and central garage. Incumbents are expected to independently perform the full scope of assigned duties. <http://www.cityofarcata.org/departments/personnel-hr/job-opportunities>

Water Service Worker I or II, Humboldt Community Services District, entry level position to experienced working level job. **Final Filing Date September 1.** <http://www.humboldtcسد.com/Job%20Opportunity.pdf>

## **Local Job Postings, cont.**

Treatment Plant Operator, City of Fortuna, **Final Filing Date August 31**, One Regular FT Position to be filled by OIT, TPO I, or TPO II. Operations, control and maintenance of the City's water and wastewater treatment systems.

Regular FT Lead Street Worker, City of Fortuna, **Final Filing Date August 31**, Hands-on supervisor to lead crew in maintenance, repair, and construction of City public works facilities. Ability to safely operate heavy equipment

Regular PT Treatment Plant Mechanic (20 Hours Per Week), City of Fortuna, **Final Filing Date August 31**, Maintains, repairs, services, and installs machinery and equipment used in water and wastewater treatment systems.

For more information on City of Fortuna job opportunities go to <http://friendlyfortuna.com/index.aspx?nid=205>

### **Safety Brief - With Doug Culbert, Safety Chairperson**

#### **STAY ALERT AND KEEP YOUR HATS STRAIGHT**

In my "spare time" as a Chief Plant Operator I also coordinate and direct a summer camp for 150 teens during the summer. This year was particularly intense since the construction of the City's \$8.5 million wastewater facility began. Near completion, I headed off for another week directing camp and my duties as CPO were put on hold for 7 days. In the midst of all the planning for camp and working 40-50 hours a week I found myself burning the candle at both ends, so to speak. A lot of times I was running on adrenalin and didn't know if I was coming or going. While wearing the hat of "camp director," when I got tired I could just stop what I was doing and take a power nap or just rest for a bit. As CPO that wasn't the case. I needed to be alert as I drove around checking the collection system, dealing with rate payers and contractors as well as doing my part during construction. There are a lot of new components to the new system and while I go through training I need to understand how it all works. Because of this I needed to be fresh and my mind clear of distractions. I do pretty well with multi-tasking but there were times I found myself wearing both hats as thoughts and actions overlapped. When this happens it's difficult to concentrate and do either job properly.

Many operators have hobbies and other things that take up their time while not at work. I know I'm not the only one who takes on extra work and tries to balance all the extra things that I do in addition to my full time job. It's very important though to stay focused on the task at hand. It's very easy to be working around a pump or motor and forget to lock/out-tag/out because our minds are in other places. It's very easy to run that stop sign because the candle has gone out from all your extra work. It's very important that we all manage our time well and don't stretch ourselves so thin that fatigue takes over and hinders our ability to make safe decisions while at work. Multi-tasking is a good ability to have but not when it's at the expense of your or another person's safety. Stay alert and safe and if you wear more than one hat make sure you keep them straight.

Respectfully Submitted,

Doug Culbert  
Safety Coordinator

## ....And Now, Things that Make You Go HMMMMM,

### 100+ Pound Rodent Spotted at Paso Robles Treatment Plant


Three weeks ago Nick Kamp, a plant operator at Paso Robles Wastewater Treatment Plant, took a series of photographs showing an unknown large animal emerging from a treatment pond. Nessie, Big Foot, Chupacabra maybe? Nope, Fish and Game Wardens have since determined the animal to be a Capybara, the world's largest rodent and native to South America. While the largest capybara recorded weighed in at a whopping 232 pounds this one was estimated to be between 100-120 pounds. Wardens speculated that this is an escaped pet and assured the public that they are not dangerous. Andrew Hughan, spokesperson for the Department of Fish and Game said, "It's (doing) no harm. It's just going to root around", and added, "We hope that it lives a happy capybara life in Paso Robles." Yup, we do too.

### Next Generation for Co-Generation

The Orange County WWTP is now powering automobiles with it's waste gas. The company Air Products' has created a process to clean up methane and reform it into vehicle grade hydrogen, available at a newly constructed fueling station. The station can provide hydrogen for 25 to 50 vehicle fuelings per day. In addition, the new facility creates heat for digesters and generates up to 250 kilowatts of electricity per day. Air Products' estimates that up to 200 million fuel cell vehicles could be supported in the U.S. by tapping all available waste gas streams.


## Please Support our Corporate Sponsors,

A SUPPLIER OF PUMPS AND PROCESS EQUIPMENT



**Marc Sanchez**  
Vice President / Sales Manager

Mobile 714/904-7498  
714/779-0911 • Fax 714/693-1715  
1241 N. Lakeview Ave. • Suite T • Anaheim, CA 92807 • marc@cortechpumps.com



- Goulds
- Durco
- Worthington
- Allis - Chalmers
- Caster
- Galigner
- Moyno

**PUMPS**


- Parts
- Systems
- Repairs
- Rentals

---

**Bay Area Process**  
**Marc Cuniberti**  
Engineer

Fax (530) 272-2753  
Pager (530) 270-2086  
Res. (530) 272-5042

14365 Meadow Drive  
Grass Valley, CA 95945  
Phone (530) 272-2298



**DC FROST ASSOCIATES, INC**  
Water & Wastewater Treatment Equipment  
www.dcfrostassoc.com

**Dave Green**

Walnut Creek Office (925) 947-6733  
Winters Office (530) 795-5066  
(925) 947-6784 Fax (530) 795-5024 Fax



**DUKE'S ROOT CONTROL, INC.**  
The Full - Service Root Control Experts

**FRANCISCO E. ORTEGA**  
1604 Eye Dr. 94521  
Concord, Ca.

PO Box 20429 Castro Valley, CA 94546-8429 www.dukes.com

1-800-769-8690  
Fax 1-800-769-8690  
E-mail: fortega@dukes.com



**KEENAN SUPPLY**  
Div. of Hajoca

**PETER GRAY**  
Manager

49 SECOND STREET EUREKA, CALIFORNIA 95501 P.O. BOX 2009  
(707) 443-8453 (800) 799-8453 FAX (707) 443-0195

**Ontiveros & Associates**

*Consulting Engineers*

**Brian K. Ontiveros, P.E.**  
Principal Engineer

P.O. Box 892  
Fortuna, CA 95540

(707) 725-7410  
Fax (707) 725-7411

ontassoc@northcoast.com



**MAPLESERVICE**  
**WAYNE MAPLES**  
Plumbing & Heating

**RODNEY MAPLES**

[www.maplesplumb.com](http://www.maplesplumb.com)  
[rmaples@maplesplumb.com](mailto:rmaples@maplesplumb.com)

317 W. Cedar Street  
Eureka, CA 95501  
(707) 445-2500  
Fax (707) 445-9725



**WINZLER & KELLY**  
CONSULTING ENGINEERS

**Patrick F. Kaspari, P.E.**  
Department Manager  
Environmental Assessment and  
Remediation Group

633 Third Street  
Eureka, CA 95501  
tel 707.443.8326  
fax 707.444.8330  
patkaspari@w-and-k.com  
www.w-and-k.com



ANALYTICAL LABORATORY  
ENVIRONMENTAL ANALYSES

Trace Metals	Methyl and Total Mercury	Quality Data
Nutrients	Pyrethroid Pesticides	Customer Service
Organics		Courier Service

1885 NORTH KELLY ROAD • NAPA, CALIFORNIA • 94558  
Caltestlabs.com • 707-258-4000 • 707-226-1001 fax

*Excelling at Analyses of Waters at Low Levels*



**PACIFIC AFFILIATES, INC.**

A CONSULTING ENGINEERING GROUP

**TRAVIS SCHNEIDER**  
CIVIL ENGINEER • R.C.E. 67393

990 W. Waterfront Dr. • Eureka • CA • 95501

Phone: (707) 445-3001 • Fax: (707) 445-3003  
Email: [tschneider@pa-schneiderdock.com](mailto:tschneider@pa-schneiderdock.com)

HYDROGRAPHIC SURVEYS • COASTAL ENGINEERING • DREDGING CONSULTANTS • MARINE STRUCTURES • DESIGN SUBDIVISIONS • LAND SURVEYS • STRUCTURES • CONTRACT ADMINISTRATION • CONSTRUCTION SUPERVISION



**CONSULTING ENGINEERS & GEOLOGISTS, INC.**

812 West Wabash  
Eureka, CA 95501-2138  
707-441-8855  
Fax 707-441-8877  
[shninfo@shn-engr.com](mailto:shninfo@shn-engr.com)

offices in Eureka and Redding



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

**FRANK SANCHEZ**

1-800-677-6661  
Fax 707-446-7933

Cell 707-514-9043  
E-mail: [fssanchez@comcast.net](mailto:fssanchez@comcast.net)

630 EUBANKS COURT, SUITE K, VACAVILLE, CA 95688



**WINZLER & KELLY**  
CONSULTING ENGINEERS

**Neal Carnam, P.E.**  
Managing Principal  
Northwest and Pacific Regions

633 Third Street  
Eureka, CA 95501-0417  
[www.w-and-k.com](http://www.w-and-k.com)

tel 707.443.8326  
fax 707.444.8330  
[nealcarnam@w-and-k.com](mailto:nealcarnam@w-and-k.com)

**MME** Municipal Maintenance Equipment  
[www.source-mme.com](http://www.source-mme.com) "Customer Satisfaction is Our Goal"

**FRANK WHEELER III**  
Vice President

2360 Harvard Street • Sacramento, CA 95815 • 916-922-1101 • Fax: 922-1034  
1061 N. Shepard St., Unit B • Anaheim, CA 92806 • 714-632-2871 • Fax: 632-2874  
4750 Caterpillar Road, Unit D • Redding, CA 96003 • 530-243-4856 • Fax: 243-1447  
1930 W. Winton Ave., Suite 8 • Hayward, CA 94545 • 510-670-0230 • Fax: 670-9003



**3T EQUIPMENT COMPANY, INC.**

**(800) 969-3001**

**TIM KENNEDY  
VICE PRESIDENT**

**3T EQUIPMENT CO. INC. (707) 543-8555  
P.O. BOX 750068 (707) 543-8558 FAX  
PETALUMA, CA 94975-0068 (831) 688-5618 RES.  
(707) 799-5997 CELL (831) 688-7866 RES. FAX  
TK3TEQUIP@AOL.COM**



**Don Wible**  
Business Development

donw@pacificliners.com

70 Union Way  
Vacaville, CA 95687  
TEL (916) 681-5100  
FAX (916) 681-1296  
CELL (707) 689-3389  
www.pacificliners.com  
lic# 678163

**Walt Tevis**  
MANAGER

965 TYINN ST UNIT #7  
EUGENE, OR 97402  
PH/FAX: 541 357 4386  
MOBILE: 801 699 3370  
walt@abbeysystems.com  
www.abbeysystems.com



TELEMETRY AND  
DATA COMMUNICATIONS

## Affiliate and Corporate Sponsor Application

Name: \_\_\_\_\_ Company: \_\_\_\_\_

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

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

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Type of Work: \_\_\_\_\_

Are you a member of the:

State California Water Environment Association (CWEA)? Yes ( ) No ( )

Water Environment Federation (WEF)? Yes ( ) No ( )

Area(s) of interest

- |                                           |                                             |                                      |
|-------------------------------------------|---------------------------------------------|--------------------------------------|
| <input type="checkbox"/> Certification    | <input type="checkbox"/> Collection Systems | <input type="checkbox"/> Engineering |
| <input type="checkbox"/> Industrial Waste | <input type="checkbox"/> Job Availability   | <input type="checkbox"/> Laboratory  |
| <input type="checkbox"/> Maintenance      | <input type="checkbox"/> Management         | <input type="checkbox"/> Operations  |
|                                           |                                             | <input type="checkbox"/> Safety      |

North Coast Section CWEA Affiliate and Corporate Sponsor annual fee:

**Corporate Sponsorship: \$35.00**

Local section affiliates receive the quarterly newsletter and training notices. Corporate sponsors also receive a reprint of their business card or card size advertisement in the quarterly newsletter. Please submit a business card or equivalent size advertisement with corporate sponsorship applications.

Send a check payable to "North Coast Section CWEA, Inc." and this completed form to:

Mike Veach, NCS Membership Chairperson, 812 W. Wabash Eureka, Ca. 95501