Happy Spring ’08 everyone! My name is Tim Taylor and I am the incoming 2008 President for the CWEA Sierra Section. I would first like to thank Brent Goguen for all of his time and efforts during the 2007 year. He did a great job as our 2007 President and has been more than willing to support the Sierra Section with his time over the years. It is amazing to me how quickly time flies. This is my fifth year on the Board even though it seems like yesterday that I joined the Sierra Section. I have met a lot of people and have really enjoyed being a part of this group.

I would like to extend an open invitation to all Section members to either attend a Board meeting to see how things are accomplished or to actually join the Board as a Director to get involved. The section is only as good as the member’s involvement. As in the past, we currently have an outstanding group of people working on the Board as well as the Safety Committee but can always use the additional help. Please feel free to contact me, or any other Board member, when you get a chance if you would like to become involved or if you have any ideas that you would like to see implemented over the next year.

I look forward to the year and assisting the Board in setting and attaining its goals for the 2008 year.

Sincerely,

Tim F. Taylor, PE
Sanitation a Top Medical Milestone

More Than 150 Years of Medical Marvels: Sanitation Voted the Greatest Advance Since 1840

By DAVID KATZ, M.D. ABC News Medical Unit

Jan. 18, 2007 — If it were up to you to decide what has been the greatest medical advance of the past 150 years, what would you choose?

That's exactly the challenge the prestigious British Medical Journal posed to a small group of experts and the many thousands of their readers, mostly doctors. Well, almost exactly.

They actually were looking for the greatest medical advance of the past 167 years, back to 1840, the year the journal was founded.

What comes to mind? In 1840, we didn't yet know about viruses and bacteria. Louis Pasteur established the germ theory in the 1860s, but it didn't really catch on until almost 1880. Germ theory is pretty important, and a good contender.

Florence Nightingale is credited with establishing standardized training for nurses, but she did not open her school until 1860.

Anyone who has ever had a bone heal after wearing a cast may owe a debt to an X-ray. William Roentgen invented those in 1895.

According to legend, we owe antibiotics to some moldy bread and the insight of Dr. Alexander Fleming. Fleming discovered penicillin in 1928 and it was first used to treat human infection in 1941. Antibiotics are of monumental importance, and might get your vote.

We learned about the structure of DNA -- the double helix at the foundation of life -- from Watson and Crick in 1953.

The World Health Organization announced the eradication of smallpox in 1980. The product of an immunization program, this was the first and only time human beings have completely eliminated an infectious disease.

We didn't have anesthetics until 1846 (I am about to have an operation on my knee, so personally, I'm pretty thankful to Dr. William Morton for this advance!). The electrocardiogram (ECG) was first developed in 1903 by Willem Einthoven. Dr. Gregor Pincus gave us oral contraceptives in 1955. The cardiac pacemaker was developed in 1957; the CT scan in 1973; and diagnostic ultrasound in 1979.
Dr. Christian Barnard performed the first heart transplant in 1967; Dr. Robert Jarvik invented the artificial heart in 1982. Hemodialysis for kidney failure first became practical in the 1960s. Recent decades have given us MRI scans, robotic surgery, laparoscopy, endoscopy, angioplasty, coronary bypass surgery and a decoded genome.

Readers of the British Medical Journal initially submitted over 100 nominations. Then, the journal invited experts to develop a list of the 15 top medical advances from among the nominees, with each expert offering a defense of his or her choice. The list, including many of the breakthroughs above, was opened up to the journal’s readership for voting. Votes came in from over 11,000 people, many of them physicians.

In light of the truly staggering medical breakthroughs and scientific advances of the past 150 years, I think the final outcome of the contest will shock you. The ultimate winner? Sanitation!

How can it be that seemingly mundane, homely sanitation -- including sewage, reliably clean water, and decent housing -- could possibly earn more votes than Nobel Prize-winning advances? Because the best measure of a medical advance is not its complexity, but what it does for the length and quality of our lives.

The average human life expectancy increased nearly 35 years over the span of the 20th century. Roughly 30 of those 35 years are attributable to improvements in sanitation and living conditions that have dramatically reduced the toll of infectious diseases, malnutrition and exposure to the elements.

Sanitation received 1,795 votes. Antibiotics was a close second with 1,642 votes and anesthesia took third.

The original champions of the sanitary revolution were Dr. John Snow, who showed that cholera was spread by water in 1854, and Edwin Chadwick, who came up with the idea of sewage disposal and piping water into homes in the 1840s.

The journal’s contest was a wonderful opportunity to reflect on the forward march of medical understanding and acknowledge the dramatic advances of science and the power to prevent and treat disease.

In the end, though, it highlights that our well-being generally owes more -- even in the age of the decoded genome -- to living conditions, public health practices and public policies than to the cutting edge of medical technology.

Add to that list the influence of lifestyle choices and personal behaviors on health and you have a powerful formula for medical advances you control -- no Nobel Prize required.
SIERRA SECTION MISSION STATEMENT

To enhance the education and effectiveness of California's Wastewater Professionals through training, certification, dissemination of technical information and promotion of sound policies to benefit society through protection and enhancement of the water environment.

2008 SIERRA SECTION BOARD MEMBERS

President
Tim Taylor, P.E. (Carollo Engineers)
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esundale@truckeesan.org

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2008 SIERRA SECTION COMMITTEES

Safety Committee
Tab Strada (TCPUD)

Rod McKinney (TSD)

John Dollar (IVGID)

Dave Brewer (Alpine Septic)

TCP Committee
Carl Strohschein (IVGID)

Ben Malone (TTSA)

CWEA Safety Committee

Rod McKinney (TSD)

Upcoming Events
July—Certification Test
September—Annual Picnic at Stampede Reservoir. See flyer
Northern Regional Conference in Sparks
Bay Area Process- Marc Cuniberti (530) 272-2298

Carollo Engineers- Scott Parker, P.E. (916) 565-4888 sparker@corollo.com

Caltest Analytical Laboratory- Peter Halpin (707) 258-4000 pete_halpin@caltestlabs.com

Coombs-Hopkins– Dave Green (530) 795-5066 www.coombshopkins.com

Shaw Engineering- (775)329-5559 www.shawengineering.com

Ryan Process Inc.-Dennis Dooley (209) 736-9472 dd@ryanprocess.com

REPS-Rick Landucci (209) 874-3640 www.Co2services.com

K&A Pipe Leak Locators- Bill Kincaid (775) 267-4940

Ricker Machinery Company- Steve Villata (510) 893-3690 steve@rickermachinery.com

Rexel Norcal Valley- Lew Turner (530) 913-0113 lturner@rexelusa.com

Ditch Witch Equipment Co.,Inc.- Garry Paschal (916) 425-0824 gpaschal@dwsac.com

THANK YOU
NEW BOARD DIRECTOR

The Sierra Section Board is very pleased to have Michael Peak as a new Board Director. Michael is a Senior Shift Supervisor at Tahoe Truckee Sanitation Agency (TTSA), where he has been employed for thirteen years. Michael is married and has two young daughters. In his spare time Michael likes to mountain bike and ski.

SAFETY DAY

Thanks to all of our members and vendors for making Safety Day, on May 7th, 2008 a great success! Approximately 100 people attended classes and consumed a large amount of BBQ from “When Pigs Fly” catering. The North Lake Tahoe Conference Center was once again a great location right on the shores of Tahoe. See you next year!

COMPUTER BASED TESTING

This July is the last time that the Certification Test will be taken with paper and pen. The details are still being worked out, but all future tests will be taken on a computer at a secure site. The tests will be given out numerous times throughout the year. One of the best features of this format is that you will find out if you passed the test immediately on the computer. No more waiting and wondering! The section will keep you updated as info becomes available.
Our 2008 Picnic will be held at Stampede Reservoir Group Camp. Do not miss this popular event! Bring your family. Saturday lunch is provided along with a great raffle for adults and children. Bring your camping gear or RV for Friday or Saturday night.

Highlights
- It’s Free
- Prizes
- Saturday BBQ (1:00)
- Kids Games
- Fishing
- Boating
- Family Fun
- Campfire

From Truckee, take Interstate 80 to the Hirschdale Rd. exit and travel north for 8 miles. Hang a left and travel over Stampede Dam. Emigrant Group Camp is your first right after crossing the dam.

Contact person: Eric Sundale at TSD. 530-550-3137

Time: Around 1:00 pm

Sep. 6-7th 2008
DO YOU KNOW?

THAT YOUR SEWAGE COLLECTION SYSTEM
IS IN VIOLATION OF THE STATE WDR IF YOU ARE NOT
REPORTING MONTHLY; EVEN IF YOU HAVE NO SPILLS??
EVEN IF YOU ALREADY SIGNED UP FOR THE WASTE DISCHARGE REQUIREMENT

ON MAY 2, 2006 THE STATE WATER RESOURCES CONTROL BOARD ISSUED A STATEWIDE WASTE
DISCHARGE REQUIREMENT (WDR) EFFECTING EVERY SEWAGE COLLECTION SYSTEM IN THE STATE.
THAT WDR REQUIRES THAT YOUR COLLECTION SYSTEM, ON-LINE, COMPLETE A QUESTIONNAIRE AND
THEN REPORT MONTHLY IF YOU HAVE OR HAVE NOT HAD ANY SEWER SPILLS

COME TO A

FREE

WDR AWARENESS WORKSHOP SPONSORED BY THE CENTRAL VALLEY CLEAN WATER
ASSOCIATION (CVCWA) AND THE CALIFORNIA RURAL WATER ASSOCIATION

• Learn about the WDR and its requirements to report monthly.
• Learn some of the basics of how to complete the questionnaire and report spills or no-spills.
• Become aware of the twelve basic portions of the required Sewer System
Management Plan you will have to complete.

July 1, 2008
Redding, 8:30-11:30 AM
Chico, 1:00-4:00 PM

July 2, 2008
Yuba City, 8:30-11:30 AM
Auburn, 1:00-4:00 PM

July 8, 2008
Stockton, 8:30-11:30 AM
Sacramento, 1:00-4:00 PM

July 21, 2008
Merced, 8:30-11:30 AM
Modesto, 1:00-4:00 PM

July 22, 2008
Farmersville (near Visalia)
8:30-11:30 AM
Fresno, 1:00-4:00 PM

(WHO SHOULD ATTEND?)
Collection System Managers,
Superintendents and District
Board Members, Public
Works Directors

(WHAT SHOULD BE DONE?)

WDR AWARENESS WORKSHOP – RSVP PLEASE (Seating is limited)

NAME ____________________________
ADDRESS __________________________ CITY ______________________ STATE_____ ZIP__________
PHONE _____________________________ EMAIL ADDRESS _______________________________

Please sign me up for the following workshop:

☐ Redding    ☐ Chico    ☐ Yuba City    ☐ Auburn    ☐ Stockton
☐ Sacramento ☐ Fresno    ☐ Visalia    ☐ Merced    ☐ Modesto

Return to CVCWA, P.O. Box 1755, Grass Valley, CA 95945, 530-268-1338
You may also submit the above information by email to: eofficer@cvcwa.org
MEETING LOCATIONS AND TIMES
CVCWA WDR AWARENESS WORKSHOP

JULY 1, 2008

Redding (8:30-11:30 AM)
20055 Viking Way, Building 4, Redding, CA  530-224-6068

Chico (1:00-4:00 PM)
City of Chico Fire Training Center Classroom, 1466 Humboldt Rd, Chico, CA
Exit from Highway 99 on exit 32.  530-894-4200/530-894-4300

JULY 2, 2008

Yuba City (8:30-11:30 AM)
Yuba City Wastewater Treatment Plant, 302 Burns Drive, Yuba City, CA  530-822-4639

Auburn (1:00-4:00 PM)
Planning Commission Hearing Room, 3091 County Center Drive, Auburn, CA
(near Bell Road and Richardson Dr) 530-889-6846

JULY 8, 2008

Stockton (8:30-11:30 AM)
Stockton Wastewater Treatment Plant, 2500 Navy Drive, Stockton, CA. 209-937-8750

Sacramento (1:00-4:00 PM)
Sacramento Area Sewer District, 10545 Armstrong Ave, Room 170, Mather, CA
(Rancho Cordova area) 916-876-6000

JULY 21, 2008

Merced (8:30-11:30 AM)
City of Merced, City Hall, Sam Pipes Room.  678 W. 18th Street, Merced. CA

Modesto (1:00-4:00 PM)
Wastewater Collections Building Training Room, 1221 Sutter Ave, Modesto 209-577-5300
Please park to the right of the driveway past the guard shack.

JULY 22, 2008

Farmersville (approximately 6 miles SE of Visalia (8:30-11:30 AM)
City of Farmersville, City Hall Training Room, 909 West Visalia Road, Farmersville, CA 93223
559-747-0458, Meeting room coordinated through Quad Knopf, Inc. 559-733-0440

Fresno (1:00-4:00 PM)
Fresno/Clovis Regional Wastewater Treatment Facility, 5607 W. Jensen, Fresno, CA
From Hwy 99 take the Jensen Ave. exit and travel west on Jensen approximately 6.5 miles.
Plant on south side of the road. 559-621-5100

Directions and/or maps to training locations will be posted on CVCWA’s web site www.cvcwa.org
starting June 26th.