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[Executive Director's Message](#)

**The California-Denmark Water Technology Alliance
New Dam Regulations
WE&RF Onsite Systems Workshop**



[California and Denmark Sharing Technology](#) I had the privilege of attending the signing ceremony for a Memorandum of Understanding (MOU) encouraging the sharing of water technology between Denmark and California. The MOU was signed by the Danish Minister of Food and Environment (I think head of Danish EPA) and the Governor of California (my old buddy Jerry). The ceremony was an interesting gathering of water and wastewater professionals. Things got started with brief speeches from The Danish Minister of Food and Environment, Esben Lund Larsen; The Danish Ambassador to the United States, Lars Gert Loose; The Director of the Danish Water Technology Alliance (WTA), Jacob Wind; The California Governor's Deputy Cabinet Secretary, Kim Craig; California Water Board Chair, Felicia Marcus; and California Department of Water Resources Director, Grant Davis. Mr. Davis had to leave the ceremony early for a meeting at the Oroville Dam repair site. He took the opportunity to clarify his top three priorities, which are Oroville, Oroville and Oroville. Dam inundation has become a new Statewide priority, more on that later.

After the morning California-Denmark WTA MOU signing ceremony, attendees separated into four focus groups:

1. Sustainable Groundwater Management
2. Water Loss
3. Wastewater to Renewable Energy
4. Innovation

One of the takeaways of the day was the open and collaborative relationships Denmark has fostered between the regulators, the utilities and business with a focus on addressing water issues as efficiently as possible. With a collaborative result focused approach encouraging innovation and technology that is importable to other countries; the businesses are incentivized to invest in developing leading edge technologies, the utilities have an assurance that their capital investments will not prematurely be deemed obsolete by regulations, and the regulators share in the development of achievable polices with measurable results.

It was inspiring to hear about an approach that gets stakeholders on the same team. Will we be able to import this approach to our Federal, State or local policies? That is a tall order. Time will tell. In the very least it is good for all of us to learn about other approaches to protecting the water environment that we can potentially apply in the future. I also had fun surprising the coalition from Denmark by speaking Danish to them. Danish is my first language.

New Dam Regulations As mentioned earlier in this message, the Director of the Department of Water Resources, Grant Davis, was very clear about describing his top three priorities: Oroville, Oroville, Oroville. The Oroville Dam spillway emergency essentially flowed to a passage of new statewide dam safety regulations requiring dam safety inundation mapping and Emergency Action Plans (EAPs). One SCAP member mentioned to me that they have received three letters from the Department of Water Resources requiring an update or creation of an EAP and an inundation map for their two recycled water storage facilities and a secondary effluent storage facility.



Out of curiosity, I reached out to a hydrology colleague with Dudek, Tom Ryan, he provided the following information on new dam regulations.

New legislative changes related to dam safety were adopted by California with the passage of Senate Bill 92 (SB-92) on June 27, 2017, as a result of the recent Oroville Dam crisis. These regulations will result in changes to dam inundation mapping procedures, development of Emergency Action Plans (EAPs), and regulatory enforcement procedures. Provided below is a summary of the changes to the Division of Safety of Dams (DSOD) regulatory procedure as a result of the passage of SB-92 which will impact current dam owners:

Dam Inundation Maps

Dam Inundation Maps and associated technical studies will now be reviewed by the DSOD. Previously, reviews were performed by the Governor's Office of Emergency Services (CalOES). Furthermore, debris basins that were previously exempt are now subject to dam inundation mapping requirements. Current regulations now are based solely on the downstream hazard classification of the dam. (Classifications Definitions: [click here](#)). Finally, inundation maps are now required to be made publically available. Prior to SB-92 inundation maps were not required to be made public.

Emergency Action Plans (EAPs)

Prior to SB-92, the state did not have the authority to require dam owners to develop EAPs. Dam owners are now required to prepare an EAP, with the exception of dams which can be classified as "low-hazard dams" per DSOD classification [criteria](#). Now, EAPs must be updated no less than every 10 years or when significant downstream changes occur. Even though SB-92 requires dam inundation maps to be made available to the public, EAPs are protected from public disclosure. In addition, once an EAP has been approved by CalOES, SB-92 now requires dam owners to conduct notification exercises with a local public safety agency on an annual basis.

Fees and Enforcement

SB-92 also imposes new fee and penalty structures for non-compliant dam owners. The DWR has been granted the authority of enforcement and the authority to impose monetary penalties for non-compliant dam owners. Additionally, DWR has the authority to change fees currently charged to dam owners for state supervision related to dam safety.

[Onsite Systems – Friend or Foe?](#)

Water utilities are seeing an increasing number of requests for installations of onsite reuse systems in their service areas. Onsite reuse facilities can augment water supplies and help achieve community resiliency and sustainability goals. Can onsite reuse reduce sewer overflows or will they create a more concentrated discharge? What role should water utilities take in these initiatives and how should onsite reuse systems be permitted and operated?

The Water Environment & Reuse Foundation (WE&RF) is hosting an [Onsite Systems Workshop](#) that will educate attendees on the current state and future of onsite reuse and will highlight findings from the National Blue Ribbon Commission and others. Topics include water quality guidelines, permitting, treatment system and design, and more. The first 30 registrants will receive a free hard copy of WE&RF report Risk-Based Framework for the Development of Public Health Guidance for Decentralized Non-Potable Water Systems (SIWM10C15). The workshop will take place in the Tree People building in Beverly Hills, CA on November 8th.

It has been and continues to be a busy fall. Here's to teamwork!



Steve Jepsen, Executive Director



Teamwork - Photo: Ralph Palomares

AIR QUALITY COMMITTEE REPORT

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Note: The next Air Quality Committee meeting is scheduled for **Tuesday, November 14** from 10:00 a.m. to 12:00 noon at the offices of the Los Angeles County Sanitation Districts. All SCAP members are invited to attend.

[SCAQMD Permit Streamlining](#) by David Rothbart, Chair - LACSD

On September 6th the Permit Streamlining Task Force Subcommittee was convened to discuss SCAQMD's progress in reducing the permit backlog and developing online permitting tools. SCAQMD permitting staff has reduced the permit backlog by 36% in the past year, where the 2-year goal is a 50% reduction (Click [HERE](#)). SCAP members are encouraged by these efforts and have observed declining permit processing times. In order to enhance permit processing, SCAQMD is developing online permitting application systems. Eventually all permit applications will be remitted electronically and some simple permits will be issued instantly. Such a system is currently being beta tested for dry cleaners and should be available for public use in the near future. The Air Quality Committee has applauded these efforts and encouraged SCAQMD to implement similar programs for common pollution control devices.



I wonder how they got their Air Permit? Photo: Ralph Palomares

[SCAQMD Proposed Rule 1118.1 - Control of Emissions from Non-Refinery Flares](#) by David Rothbart, Chair - LACSD

SCAQMD is scheduled to hold another Proposed Rule 1118.1 working group meeting on October 24th. Although rule language has yet to be drafted, SCAQMD staff suggested that NOx emissions from older biogas flares might need to be addressed by this rulemaking. In addition, SCAQMD would like to minimize flaring by encouraging cleaner alternative biogas uses (e.g. transportation fuel). The October 24th meeting will include presentations from the Gas Company and [ClearSign](#) regarding potential alternative uses for non-refinery gases.

At the working group meeting, SCAQMD staff will review potentially applicable regulatory language found in other rules: [Santa Barbara APCD](#), [San Joaquin Valley APCD](#) and [SCAQMD](#). In general, these rules include requirements for flare minimization, reporting and testing. While we acknowledge that several air districts have established rules limiting flaring, biogas flaring emissions are minimal in the South Coast Air Basin. Accordingly, the SCAP Air Quality Committee will continue to request an exemption to any burdensome biogas flaring requirements proposed by SCAQMD staff.

BIOSOLIDS COMMITTEE REPORT

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SCAP Biosolids Committee Hosted by Anaergia by Tom Meregillano, Vice Chair – Orange County Sanitation District

Anaergia hosted a SCAP Biosolids Committee meeting on September 11th, 2017. Yaniv Scherson, Managing Director of Anaergia, presented and provided a tour of the facility. Anaergia has acquired the abandoned Enertech facility in the city of Rialto and is proposing to construct a regional organics management facility in Southern California. The proposed bioenergy facility will be designed to accept up to 450 wet ton per day (WTPD) of biosolids and 700 WTPD of food waste for a maximum capacity of 1,150 WTPD. To that end, the facility will generate approximately 4.2 MW of electricity with 3.0 MW for export to the electric power grid and 1.2 MW being used to meet internal energy demand. Up to 600,000 mmBTU/yr of pipeline quality gas will also be produced from anaerobic digestion of preprocessed food waste and the pyrolysis of biosolids, which biochar will be produced from the process. For a copy of the presentation, contact Pam Merriam from SCAP at pmerriam@dudek.com.



EPA Webinar Enforcement and Compliance History Online (ECHO) October 10th by Tom Meregillano, Vice Chair – Orange County Sanitation District (Source CASA/EPA)

EPA is hosting a webinar on their Enforcement and Compliance History Online Website on October 10th. Participants must register at: <https://echo.epa.gov/help/training#upcoming>.

They will demonstrate the ECHO Biosolids Facility Search, which is a new feature that is available to government and public users, that integrates Biosolids Annual Report data with other biosolids enforcement and compliance data. It provides access to biosolids-specific permit, inspection, violation, enforcement, and penalty related data to users for the first time in an easy-to-use search tool. The demonstration will highlight navigating through the Biosolids Facility Search form, search results, and how biosolids annual report data is downloaded.

[SB 1383: SLCP Reduction Implementation – Stakeholder Workshops](#) by Tom Meregillano, Vice Chair – Orange County Sanitation District

On September 20th, 2017, CalRecycle hosted a stakeholder workshop to discuss regulatory concepts related to organics market development and recycling capacity planning to prepare for the development and implementation of regulations on the short-lived climate pollutants legislation. CASA and the Associated Compost Producers provided testimony of their respective industry concerns. See presentation for details. The next CalRecycle stakeholder workshop is scheduled on October 30th, 2017 to discuss draft regulatory language.

[Global Goods Agriculture Practices \(GAP\)](#) by Tom Meregillano, Vice Chair – Orange County Sanitation District (Source CASA)

The Global Goods Agriculture Practices (Global GAP) is a voluntary program that sets agriculture guidelines and best practices for countries that export goods such as lemons, oranges, avocados, etc... The countries that are exporting goods will likely have farmers subscribed to Global GAP. This issue is that the Global GAP prohibits against the use of biosolids on crops, thus impacting the exportation of goods from farmers that use biosolids, causing a marketing barrier.

CASA has established a workgroup to coordinate with Global GAP officials. The workgroup consists of representatives from CASA, USEPA, National Association of Clean Water Agencies, Northwest Biosolids, North East Biosolids and Residuals Association, Mid Atlantic Biosolids Association, U.S. Composting Council, Water Environment Federation, University of Arizona, Synagro, Lystek, and Natural Selection Farms. An initial meeting is scheduled on October 25th, 2017.

[Funding Solicitation for CASA’s Biosolids Reclamation on Fire Ravaged Lands](#) by Tom Meregillano, Vice Chair – Orange County Sanitation District (Source CASA)

CASA continues to solicit for funding on their joint multi agency research study on biosolids reclamation on fire ravaged lands. Currently \$60,000 was contributed by the following agencies and association:

- City of Fresno
- Orange County Sanitation District
- City of Los Angeles, Sanitation
- Sanitation Districts of Los Angeles County
- Inland Empire Utilities Agency
- Central Valley Clean Water Association

The project budget is \$200,000. CASA will be submitting the research proposal to the Water Research Foundation in January and pursuing various grant opportunities with both the federal and state forest services.

Any contributions are still most welcome if you are interested in this work. CASA is accepting any amount that is possible. For more information, contact Greg Kester, CASA Director of Renewable Resource Programs at gkester@casaweb.org.

[2017 California Bioresources Alliance Symposium “Building California’s Sustainable Bioresource Economy”](#) by Tom Meregillano, Vice Chair – Orange County Sanitation District (Source CASA/EPA)

2017 Annual California Bioresources Alliance Symposium will be held on November 1st and 2nd in Sacramento at the Zigarut Building, 707 3rd Street in West Sacramento. There is no charge this year but registration is required. Sessions will include discussion of building healthy soils, implementation of SB 1383, building markets, and many other timely topics.

[CASA/CWEA Joint Biosolids and Renewable Energy Innovative Technology Seminars - Save the Date](#) by Tom Meregillano, Vice Chair – Orange County Sanitation District (Source CASA/CWEA)

CASA and the California Water Environment Association are hosting two Biosolids and Renewable Energy Innovative Technology seminars. The focus of the seminars will be on successful and innovative management practices and technology for biosolids, renewable energy production and utilization, and climate change mitigation. The dates and locations of the seminars are:

- Tuesday, November 14th, 2017 from 8:30 am – 4:00 pm; HS Lordships, 199 Seawall Drive, Berkeley, CA 94710
- Wednesday, November 15th, 2017 from 8:30 am – 4:00 pm; Doheny Beach Lounge, Student Center, University of California – Irvine. A 311 W. Peltason Drive, Irvine, CA 92697

Registration information will be coming soon, along with the agenda. For more information, contact Greg Kester, CASA Director of Renewable Resource Programs at gkester@casaweb.org.

[The Resolution of the Kern County Lawsuit](#) by Christina Jones, Vice Chair – LACSD

For over 20 years, the City has applied biosolids as a soil amendment to grow feedstock crops at the City-owned Green Acres Farm in Kern County. In July 2006, Kern County voters approved Measure E, an initiative that banned the land application of biosolids. After more than 10 years of legal proceedings a two week bench trial was conducted. On September 28th, 2016 Judge Lloyd Hicks issued a 48-page opinion on case regarding Measure E. In the opinion Judge Hicks wrote that Measure E “is invalid and void for all purposes, for the dual reasons that it exceeds Kern’s police power authority and is preempted by state law.” The court formed its ruling based on the lack of evidence of biosolids posing a risk to human health, and that the California Integrated Waste Management Act, which requires local governments to maximize recycling, controlled over a local voter initiative. The Measure E Judgement was entered on March 14th, 2017.

Since March the parties of the lawsuit have been discussing a settlement and in August 2017, a settlement agreement was signed. As part of the settlement, another related lawsuit regarding the CEQA Process for the Green Acres Farm will also be concluded. This will preclude any further appeals and cross appeals for the Measure E case. The City will continue to maintain its biosolids 100% beneficial reuse operations at Green Acres Farm.

COLLECTIONS COMMITTEE REPORT

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Tri-State keeps growing and a Legend by Ralph Palomares, Chair – El Toro Water District

The dictionary defines the word “Legend” as an extremely famous or notorious person, especially in a particular field.

Tri-State Seminar once again was a sell out with over 200 sessions all week from collections to laboratory to mechanical maintenance classes all with great speakers. SCAP’s Executive Director, Steve Jepsen, was even there presenting on “Regulations that *Challenge* Wastewater Agencies”. The exhibit hall rooms were full of new combo trucks, tools, cameras, safety equipment, and high tech computer programs for all to see and maybe even buy.

At the Tri-State Seminar last month, September 25th - 29th, in Las Vegas, I was walking to a technical session when it was called out by someone that I was a legend in the collections field having attending many Tri-State seminars over the years. Back in the beginning, Tri-State was on the river in Laughlin, NV where everyone cooled off after a day of training sessions. It outgrew itself after many years of being in Laughlin where there was no more room for vendors or attendees to stay as all the hotels filled up too quickly. So Tri-State was relocated to Primm, NV where it became too large to host the seminar once again. It was then moved to the South Pointe Hotel in Las Vegas where I was told now it is becoming too big once again and will have to be moved to a new location with more rooms and vendor space in the coming years. It is nice to see the Tri-State training venue become so popular with three states participating at major destination each year for our wastewater professionals to attend, learn and improve. So, it has been maybe 29 or 30 Tri-State seminars for me but in 2017 it was my 31st consecutive CWEA annual conference.

Attending last week’s seminar, I did see a few friendly faces in the crowd who did inform me that they would be retiring soon and moving out of state. I wished them the best in their retirement years and let them know that I would be joining them soon in a couple of years.

Now I have my Recreational Vehicle (RV) all ready for when it is my time to say “adios amigos”. I will be hitting the road to discover more of this wonderful country we live in and maybe report back to you. Nevertheless, you can still bet I will still be doing some type of collections training out there with SCAP and CWEA SARBS.

Sincerely, your “Legend” Ralph Palomares



Ralph's Legendary RV

Flushable Wipes Act Approved in Washington, DC by Dindo Carrillo, Vice Chair - OCSD

The Nonwoven Disposable Products Act of 2016 is set to take effect on January 1st, 2018 in Washington, DC. The Flushable Wipes Act prohibits a manufacturer of a nonwoven disposable product, aka flushable wipes, to label it as safe to flush, safe for sewer systems, or safe for septic systems unless it meets the “flushable” term. The Act also requires the manufacturer to clearly label that their nonwoven disposable product should not be flushed. Lastly, the Department of Energy and Environment of Washington, DC will issue rules to implement this act and the Mayor to issue civil fines and penalties for violations of this act.

The “Flushable” term is defined as:

1. Disperses in a short period of time after flushing in the low-force conditions of a sewer system.
2. Is not buoyant.
3. Does not contain plastic or any other material that does not readily degrade in a range of natural environments.

According to NACWA this is the first law in the US to address the problems caused by flushable and non-flushable wipes. Consequently, Kimberly-Clark Corp, a major manufacturer of flushable wipes, has filed a lawsuit in the Federal Court on September 15th, 2017, citing that the law violates numerous Constitutional rights. They argue that the new law violates the Commerce Clause since it attempts to regulate commerce beyond the city limits. Also, they argue that the law violates the First Amendment by restraining their freedom of speech in their label.

SCAP and its members continue to promote the 3P’s of flushing only pee, poop, and toilet paper.

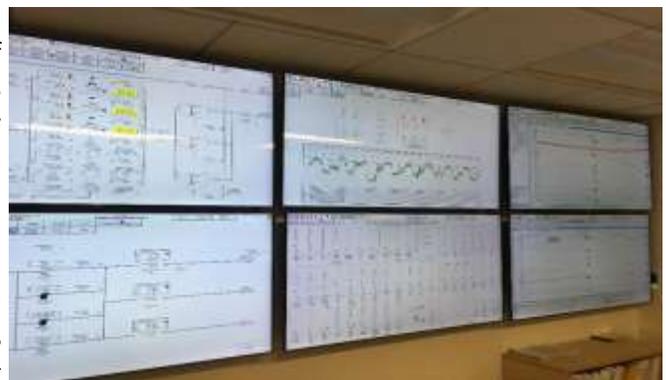
ENERGY MANAGEMENT COMMITTEE REPORT

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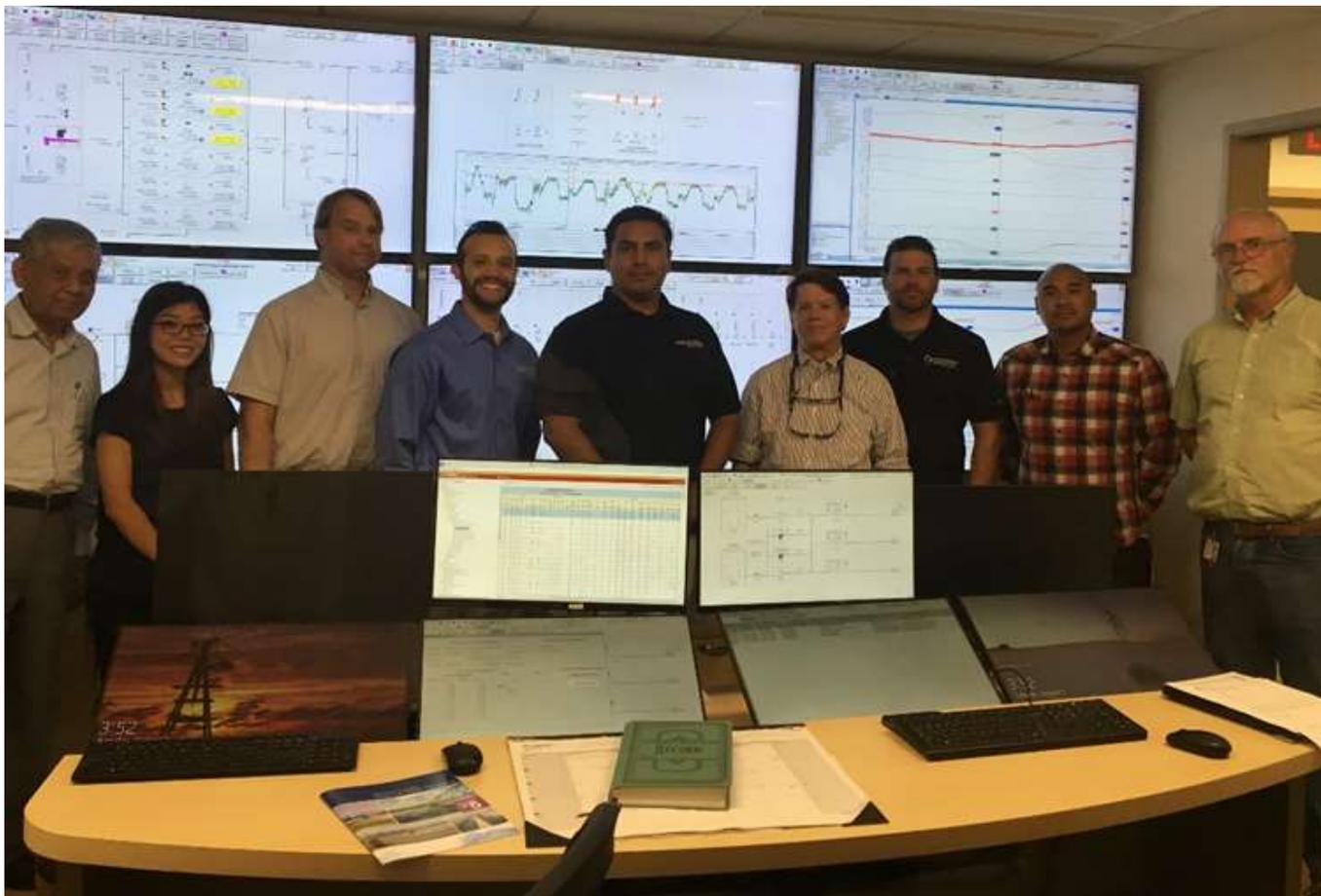
Savings through Energy Management by Joshua Aguilar, IEUA

The Bourns College of Engineering-Center for Environmental Research and Technology (CE-CERT) at the University of California, Riverside (UCR) and the Inland Empire Utilities Agency (IEUA) recently collaborated on an Energy Management System (EMS) to minimize IEUA’s electricity costs at their Carbon Canyon Water Recycling Facility (CCWRF). The team installed auxiliary metering equipment and leveraged their state-of-the-art control system to optimize their costs associated with electrical demand charges. With funding from the California Energy Commission (CEC), electrical devices were procured and installed, and with resident programming expertise, operating screens were developed to provide operators with peak energy information at a glance for making key cost-saving operational decisions.



CCWRF Control Room

Energy management analyses prepared by UCR suggests that IEUA's CCWRF plant could potentially save over \$30,000 annually from reduced demand charges. IEUA is piloting the system at their CCWRF recycled water pump station. Supervisory Control and Data Acquisition System (SCADA) screens and alarm notifications provide operators with a real-time comparison of monthly maximum demand versus instantaneous usage, allowing operators to determine if the current electricity usage should be lowered. If feasible, the operators can temporarily reduce pumping to avoid setting a higher maximum demand, savings can be realized for the billing period by reducing the monthly peak demand charges. The collaboration between UCR and IEUA will remain in effect for a period of three years. During this time, UCR staff will continue to monitor the performance of the EMS and provide technical support as needed. If cost effective, the EMS may be implemented at other IEUA facilities.



Project Team L to R: Sadrul Ula (UCR), Tiffany Tran (IEUA), Mike Todd (UCR), Joshua Aguilar (IEUA), Henry Gomez (UCR), David Weightman (CEC), Steven Smith (IEUA), Kevin Asprer (IEUA), Jeff Traugott (IEUA)

WATER ISSUES COMMITTEE REPORT

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Environmental Laboratory Accreditation Program (ELPA) Update by Amber Baylor, SOCWA

As you may have heard the SWRCB and the laboratory accreditation agency, ELAP, are promulgating new laboratory QA/QC regulations that will have significant impacts to laboratories. ELAP's proposed draft regulations are adopting policies based on the NELAC Institute (TNI) standards, a national non-profit accreditation organization. The TNI standards are broken down into seven modules that include a whopping 1,100 new requirements to become TNI compliant. There is also a requirement for additional staff members to meet the quality objectives set out in the TNI standards that most small POTW laboratories are not set up for. The proposed adoption of the TNI standards is the most significant shift in accreditation requirements in the history of ELAP and it behooves those who are involved in laboratory operations to engage in the process in order to prevent unreasonable or even un-attainable requirements.

We are working with the Coalition of Accredited Laboratories (CAL) and the California Association of Sanitation Agencies (CASA) to promote reasonable SWRCB policies towards Water/Wastewater Labs. One of the tools needed to help is information on current lab staff practices. If you have not already completed the lab survey recently sent out please take a few minutes to do so. The short survey can be found here: <http://bit.ly/2vlgOWJ>

The SWRCB ELAP Draft policy can be found here:

https://www.waterboards.ca.gov/drinking_water/certlic/labs/elap_regulations.shtml

WASTEWATER PRETREATMENT COMMITTEE REPORT

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Dental Category Update by Mark Kawamoto, Co-Chair – OCSD

In June 2017, EPA adopted the Dental Office Point Source Category that requires dental offices to certify to Pretreatment Programs whether their dentists place or remove amalgam. Dental offices that place or remove amalgam regularly must comply with three requirements: 1) Use and maintain an amalgam separator or equivalent equipment; 2) refrain from cleaning the equipment and water and vacuum lines using cleaning chemicals that are oxidizing or acidic and that have a pH higher than 8 or lower than 6; and 3) do not discharge waste amalgam to the sewer. Existing dental offices have up to three years to comply, but dental offices that started discharging after July 14th, 2017 must submit a compliance report within 90 days of commencing discharge.

Some agencies, like the Sanitation Districts of Los Angeles County and the Orange County Sanitation District (OCSD), are developing forms for the dentists to use to help ensure that the dental offices supply the appropriate information. To see an example of what OCSD has done, please visit OCSD's website at www.ocsd.com and look under the "Businesses" tab. It has been a while, but if there is interest, perhaps we could have a committee meeting and ask everyone to bring examples and be prepared to discuss what they are doing to address the new Dental category regulation.

[SCAP Wastewater Pretreatment Committee at CWEA's Annual P3S Conference](#) by Mark Kawamoto, Chair – OCSD

SCAP and CWEA have been in discussions about SCAP having a part in the 2018 Annual CWEA P3S Conference. Two places that we discussed where we could help are 1) a speed mentoring session and 2) a management track. As envisioned, the "speed mentoring" session would be run like a speed dating session - participants would spend ~10 minutes with someone at a manager- or supervisor-level position and then rotate when the time was up. We discussed ideas about how the management track might run, either traditionally (people make presentations) or as a panel discussion. Ideas and input are welcomed, and if you are willing to help, please let us know.

CYBER SECURITY COMMITTEE REPORT

David Malm, Chair
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Robert Coromina, Vice Chair
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by David Malm-IEUA

The first cybersecurity committee meeting is in the books! The SCAP Cyber Security Committee held the first meeting on September 19th at IEUA. I met a lot of friendly people who are facing some of the same challenges with Cybersecurity. Cybersecurity applies to both the SCADA and Business/Office networks, so we welcome anyone who is interested in participating. Our plan for meeting #2 is to hold the meeting onsite at IEUA, but provide an option for using Skype for those who would like to participate remotely. Thanks again to everyone who attended!

October is National Cybersecurity Awareness Month!! Go to <https://securingthehuman.sans.org/> and select "Resources" from the menu at the top of the screen. Look for the "National Cybersecurity Awareness month" link which will provide information regarding how to communicate this important event with staff.

Cybersecurity Threat Bulletin



by Duke Vu – IEUA

Security Advisory/Incidents - Monday, September 11, 2017

1. Equifax Reports Data Breach Possibly Affecting 143 Million U.S. Consumers - <https://www.wsj.com/articles/equifax-reports-data-breach-possibly-impacting-143-million-u-s-consumers-1504819765>

What to do:

- a. Visit <https://www.equifaxsecurity2017.com/> and check to see if you have been impacted.
 - b. Request for credit freeze.
 - c. Experian.com/scan
2. Hackers attacking US and European energy firms could sabotage power grids - <https://amp.theguardian.com/technology/2017/sep/06/hackers-attacking-power-grids-in-us-and-europe-have-potential-to-sabotage>
<https://www.symantec.com/connect/blogs/dragonfly-western-energy-sector-targeted-sophisticated-attack-group>

Excerpt: “ Symantec revealed a new campaign of attacks by a group it is calling Dragonfly 2.0, which it says targeted dozens of energy companies in the spring and summer of this year. In more than 20 cases, Symantec says the hackers successfully gained access to the target companies’ networks. And at a handful of US power firms and at least one company in Turkey—none of which Symantec will name—their forensic analysis found that the hackers obtained what they call operational access: control of the interfaces power company engineers use to send actual commands to equipment like circuit breakers, giving them the ability to stop the flow of electricity into US homes and businesses.”

Security Advisory/Incidents - Monday, September 18, 2017

1. New Microsoft Word 0day used in the wild - <https://blog.malwarebytes.com/threat-analysis/2017/09/psa-new-microsoft-word-0day-used-wild/CVE-2017-8759 - Weaponisation Tutorial - YouTube>
<https://threatpost.com/microsoft-patches-office-zero-day-vulnerability/127946/>
2. Nearly 600,000 Alaska voters' sensitive records exposed due to CouchDB database configuration error - <https://amp.ibtimes.co.uk/nearly-600000-alaska-voters-sensitive-records-exposed-due-couchdb-database-configuration-error-1639456>

3. Compromised LinkedIn accounts used to send phishing links via private message and InMail - <https://blog.malwarebytes.com/threat-analysis/2017/09/compromised-linkedin-accounts-used-to-send-phishing-links-via-private-message-and-inmail/>
4. Security Notification for CCleaner and CCleaner Cloud (**Avast**)- <http://www.piriform.com/news/release-announcements/2017/9/18/security-notification-for-ccleaner-v5336162-and-ccleaner-cloud-v1073191-for-32-bit-windows-users>

Security Advisories/Incidents - Monday, September 25, 2017

1. Iranian APT33 Targets US Firms with Destructive Malware - <https://threatpost.com/iranian-apt33-targets-us-firms-with-destructive-malware/128074/>
<https://www.fireeye.com/blog/threat-research/2017/09/apt33-insights-into-iranian-cyber-espionage.html>
"The Iranian group known as APT33 is believed to be behind a cyberespionage campaign targeting aerospace, petrochemical and energy sector firms located in the United States, Saudi Arabia and South Korea. The malware is being distributed via spear phishing campaigns that includes advertisements for jobs at Saudi Arabian aviation companies and Western organizations, researchers said. Emails include recruitment themed lures that contain links to malicious HTML application (.hta) files, researchers said."
2. Deloitte hit by cyber-attack revealing clients' secret emails - <https://amp.theguardian.com/business/2017/sep/25/deloitte-hit-by-cyber-attack-revealing-clients-secret-emails>
"One of the world's "big four" accountancy firms has been targeted by a sophisticated hack that compromised the confidential emails and plans of some of its blue-chip clients...
The Guardian understands Deloitte discovered the hack in March this year, but it is believed the attackers may have had access to its systems since October or November 2016."
3. Cut Cord: How Viacom's Master Controls Were left Exposed - <https://www.upguard.com/breaches/cloud-leak-viacom>
Another example of self-inflicted misconfiguration resulted in data being exposed.
4. Finance Director fired after being phished - <http://www.bbc.com/news/business-39429819>
The Finance Director was duped by a spear phishing email which appeared to be from his boss requesting a quick payment to secure an important contract. The company ended up losing £150,000 to the fraudster.

MEETING SCHEDULE

October/November Meetings/Workshops/Conferences:

- **WE&RF Onsite Systems Workshop:** November 8th, Beverly Hills ([link here](#))
- **SCAP Air Quality Committee Meeting:** November 14th, 10:00 a.m. to 12:00 p.m., LACSD
- **CWEA/CASA Biosolids & Renewable Energy Seminar:** November 15th, UC Irvine ([link here](#))
- **SCAP Collection Committee Meeting:** November 16th, City of Carlsbad (details to follow)
- **SCAP Board of Director’s Meeting:** November 30th, El Niguel Country Club
- **CWEA-WEF-NACWA-EPA Effective Utility Management:** December 7th, Sacramento ([link here](#))

Non Sequitur



When you lie on your resume about having sheepdog experience

Please Support our SCAP Associate Members



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