

# PIPELINE MONTHLY



## 2019-2021 Chapter Officers

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Grant Schaffer  
[gschaffer@harriscompany.com](mailto:gschaffer@harriscompany.com)

V.P. Technical  
Anthony Wikum  
[awikum@dawsonco.com](mailto:awikum@dawsonco.com)

V.P. Legislative  
Juan Contreras  
[jacontreras1964@yahoo.com](mailto:jacontreras1964@yahoo.com)

V.P. Membership  
Chrissy Hamm  
[chrisyyk@specsales.com](mailto:chrisyyk@specsales.com)

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Rod Koepke  
[rkoepke@syska.com](mailto:rkoepke@syska.com)

Administrative Secretary  
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[lcusimano@treisd.com](mailto:lcusimano@treisd.com)

Corresponding Secretary  
Anthony Simpson  
[asimpson@delcosales.com](mailto:asimpson@delcosales.com)

ASPE SD Affiliate  
Martin Trim  
[Martin@barrettump.com](mailto:Martin@barrettump.com)

## TECHNICAL REPORT 2020 Plumbing code updates

Thank you to all the ASPE members for your continued support and encourage you to invest in your education through ASPE chapter meetings and online education. We have begun free group study sessions for the CPD. We encourage you to join to attend learn from our accumulative knowledge and put your best foot forward for the upcoming CPD test.

This month we have Dr. Saum Nour. Saum, near 38 years ago after Ph.D., professor of civil and

mechanical engineering, began practicing engineering 33 years ago. Combining academic sciences, the codes, and practical engineering in plumbing and civil engineering, plus upkeep of all recent advancements, creates an atmosphere of pure engineering practice.

Majority of the projects designed or consulted for private sewer systems were confined in the rural areas los Angeles, Riverside, orange county, or undeveloped areas near the urban areas (i.e. Coto De Casa, ...). Besides the residential projects in 31 years of practice, there were unique projects.

Orange County fair, horse stables, required a stable septic tank to treat and isolate the horse discharges. Very confined land within Moro Bay in Laguna Beach demanded vertical cylindrical leach field. There are outliers within Orange County in Tustin hills also with very limited permissible

Acting is not an important job in the scheme of things. Plumbing is.  
Spencer Tracy

**ASPE MEETING FOR FEBRUARY**  
Don't forget February meeting is an evening meeting. Evite flyers are out mark your calendars. **VENUE CHANGE; VENUE CHANGE** .....



property. They also required vertical cylindrical leach field. They do require period maintenance, since the permeability reduces with light sludge contact with the interior permeable surface.

In Kohanakai, Hawaii, the impervious lava rocks did not permit conventional private sewer system. Each private unit was stored in small tank where the two-phase flow (solid and liquid) sludge were pumped to onsite was treatment center. The grey water resultant fed the golf courses and the compost was produced from solid waste.

In Marine Corps 29 Palms and the Camp Pendleton, both dog kennels required special septic tanks to treat the waste. The challenging process required special sanitizing to reduce bacterial growth from diseases. Saum will be talking about the code changes for the new 2020 release compared to the 2016 version and will gladly answer all your questions.

The location has changed for this event and we will be having an evening meeting as Saum is requesting the time for the 2 hour discussion. We will be at Ranch Events Mariana Village Conference Center and the address is first floor Sunset room 1935 Quivira Way, San Diego, CA 92109 from 6:00 pm to 8:30 pm dinner starts at 6:30 PM

From your Vice president technical of the American society of plumbing engineers San Diego chapter please insist on an attending industry meeting for your company and educate yourself and your comrades.

<http://sections.asce.org/sandiego/home>

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Anthony Wikum

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Checks shall be made payable to ASPE San Diego and sent to Rod Koepke at Syska Hennessy

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## PRESIDENTS REPORT

Grant Schaffer ASPE SD President , Reg. 4 Nominating Committee

To all Members ASPE San Diego,

Its ASPE time in San Diego! Anthony Wikum, our VPT has been working exceptionally hard to get a new venue up at Division 23 Brewery. This next month will be a Joint Meeting with ASHRAE San Diego. PLEASE SEE THE NOTIFICATIONS as the venue will change to Ranch Events Conference center. We are sending our e- blast and also Anthony has made the change in his technical report.

The New ASPE SD website is almost ready. Please visit and see the new content. It has been a long time coming and our new webmaster has done a great job. Thanks to Jill Wells and the ASPE SD board for making this happen.

CDP exam dates are from March 30- April 5<sup>th</sup> 2020.

Keep your eyes open for the coming months as Liza will be sending out invites for ASPE SD AYP ASPE Young Professionals gathering.

On National News, The nominating committee is up and running for next year National board recommendations and elections. We are reviewing the new candidates stay tuned.

The dates have been set and the dates are as follows: 2020: Convention & Expo: September 11-16, 2020 in New Orleans, LA; 2021: Technical Symposium: September 21-26, 2021 in San Diego, CA; 2022: Convention



& Expo: September 16-21, 2022 in Indianapolis, IN; 2023: Technical Symposium: September 26-October 2, 2023 in Bellevue, WA

The golf outing has been set and the date is April 20, 2020. See Martin Trim for sponsorship, signups and any volunteer efforts that you can spare.

Thanks for those who dedicate their time to keep ASPE AD moving forward.

Warm regards,

Grant Schaffer  
ASPE San Diego President

**February 18, 2020**

**(3<sup>rd</sup> Tuesday EVENING)**

**Presenter: Dr. Saum K Nour**

**2020 Plumbing codes updates**

**March 17, 2020 (3<sup>rd</sup> Tuesday)**

**Presenter:** Tonya Shealey - FEWD  
Program Manager - City of San Diego -  
Public Utilities Department

**April 21, 2020 (3<sup>rd</sup> Tuesday)**

**Presenter: TBD**

**April 20 – Golf Tournament**

**May 19, 2020 (3<sup>rd</sup> Tuesday)**

**Presenter: TBD**

**June 16, 2020 (3<sup>rd</sup> Tuesday)**

**Presenter: TBD**



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# V.P. Membership Report

## The Value and Benefits of Membership

The San Diego ASPE chapter currently has 95 members, the goal is to maintain at least 100 members. Keep in mind that ASPE has made it easier than ever to renew your membership. Go to [www.aspe.org](http://www.aspe.org) and click on the "My Account" button in the upper right-hand corner of the page. Log in as you ordinarily do. Then using the pull-downs select Membership and then Renew Membership. It's the second link in the pull-down. When you get to the page, click on the link called "Membership Renewal" in the lower left. We've asked ASPE to make auto-renew a feature so you can enroll and automatically be renewed each year. NOTE: If you have lapsed for more than 90-days your account was purged from the membership database and you will need to reapply for membership. If there is any questions, please let me know.

Chrissy Hamm

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	<ul style="list-style-type: none"> <li>◆ Submersible and dry pit non-clog sewage, effluent and wastewater pumps</li> <li>◆ Grinder pumps, cutter pumps, jacketed pumps, and and portable dewatering pumps</li> <li>◆ High temperature and corrosion resistant pumps</li> <li>◆ 10 GPM to over 10,000 GPM, 1/2 HP to over 500 HP Prefabricated lift stations</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ UL- and ETL-listed packaged variable and constant speed pumping systems</li> <li>◆ Domestic water, HVAC, irrigation, and fire pump packages</li> <li>◆ Custom engineering and design capabilities</li> <li>◆ Each system full factory-tested and warranted</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ High performance self-priming and end suction centrifugal pumps</li> <li>◆ Standard heavy-wall ductile iron volutes and 17-4 PH stainless steel shafts</li> <li>◆ Shimless impeller adjustment and cartridge-type 5C/TC mechanical seals</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ Non-chemical water treatment using ozone technologies</li> <li>◆ For cooling towers, lakes, fountains, aquariums, swimming pools and other open systems</li> <li>◆ AquaPak™ EWS emergency water supply packages for critical facilities</li> <li>◆ CleanStream™ cooling tower filtration packages</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ Patented electroabsorptive technology for water purification and filtration</li> <li>◆ Submicron particulate, pathogen, trace pharmaceutical, &amp; cellular debris removal</li> <li>◆ Much lower pressure drop, higher flow rates than comparable UF membranes</li> <li>◆ Seronix Advanced Metals Removal System</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ Packaged fire pump systems</li> <li>◆ In-line, end suction and double suction circulating pumps</li> <li>◆ Turbine, axial, and mixed flow pumps</li> <li>◆ Vertical and horizontal multi-stage pumps</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ PURAIN Self-Cleaning Pre-Filters for Rainwater Collection Systems</li> <li>◆ AQUALDOP Graywater Treatment                             <ul style="list-style-type: none"> <li>◆ 6 Log Reduction of Bacteria (99.99999%) and 99.7% Virus Removal</li> <li>◆ NSF 350 Certification</li> </ul> </li> <li>◆ DRAINMAX Tunnel Infiltration Products for On-Site Detention</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ Pneumatic Ejectors</li> <li>◆ Diaphragm Pumps</li> <li>◆ Plunger Pumps</li> </ul>			
	<ul style="list-style-type: none"> <li>◆ Stainless steel vertical and horizontal multi-stage pumps</li> <li>◆ Flows to 550 GPM, Heads to 1350 Ft., Temp to 285° F, Working Pressures to 600 PSI</li> <li>◆ Cast AISI 304 or 316 stainless steel S/D casing</li> <li>◆ NSF/ANSI 61 Annex G certified</li> </ul>			
	<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ HVAC specialties</li> <li>◆ Triple duty valves</li> <li>◆ Suction diffusers</li> <li>◆ Expansion tanks</li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Air separators</li> <li>◆ Flex connectors</li> <li>◆ Strainers</li> <li>◆ Hydropneumatic tanks</li> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Butterfly valves</li> <li>◆ Heat exchangers</li> <li>◆ Flow metering devices</li> <li>◆ ASME pressure vessels</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>◆ HVAC specialties</li> <li>◆ Triple duty valves</li> <li>◆ Suction diffusers</li> <li>◆ Expansion tanks</li> </ul>	<ul style="list-style-type: none"> <li>◆ Air separators</li> <li>◆ Flex connectors</li> <li>◆ Strainers</li> <li>◆ Hydropneumatic tanks</li> </ul>	<ul style="list-style-type: none"> <li>◆ Butterfly valves</li> <li>◆ Heat exchangers</li> <li>◆ Flow metering devices</li> <li>◆ ASME pressure vessels</li> </ul>
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## GOLF TOURNAMENT

### 33rd Annual San Diego Chapter Tournament

Country Club of Rancho Bernardo

April 20, 2020 • Check in 11:00 am Shotgun start at 12:00 pm

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<p><b>Bronze Level: \$750</b></p> <ul style="list-style-type: none"> <li>▪ Special Recognition at Monthly ASPE Meetings</li> <li>▪ 1-year business card ad in newsletter</li> <li>▪ Banner Recognition</li> <li>▪ One Golf Twosome</li> <li>▪ One Hole Sponsor Sign</li> </ul>	<p><b>Lunch Sponsor: \$750</b></p> <ul style="list-style-type: none"> <li>▪ Special Recognition at Monthly ASPE Meetings</li> <li>▪ Banner Recognition</li> <li>▪ One Hole Sponsor Sign</li> <li>▪ One Golf Single</li> </ul>	<p><b>Dinner Sponsor: \$1000</b></p> <ul style="list-style-type: none"> <li>▪ Special Recognition at ASPE Meetings</li> <li>▪ 1-year quarter page ad in newsletter</li> <li>▪ Banner Recognition</li> <li>▪ One Golf Foursome</li> <li>▪ One Hole Sponsor Sign</li> <li>▪ Extra Drink Tickets</li> </ul>
<p><b>Drink Cart: \$500</b></p> <ul style="list-style-type: none"> <li>▪ Special Recognition at Monthly ASPE Meetings</li> <li>▪ Banner Recognition</li> <li>▪ One Golf Single</li> <li>▪ One Hole Sponsor Sign</li> </ul>	<p><b>Hole Sponsor Sign: \$250</b></p> <p><b>2 + 1 (2 Golfers + 1 Hole Sign) for \$500</b></p>	<p><b>Entry Fee: \$150 per player \$500 for a foursome</b></p> <ul style="list-style-type: none"> <li>▪ Golf w/cart</li> <li>▪ Lunch</li> <li>▪ Dinner</li> <li>▪ Two Drink tickets &amp; one Raffle Ticket</li> <li>▪ Range Balls</li> </ul>

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	<p><b>E.A. Gray</b> Pipe nipples available in steel, brass, plastic, aluminum, and stainless steel. <a href="http://www.eagray.com">www.eagray.com</a></p>		<p><b>T&amp;S Brass</b> Faucets, fittings, &amp; specialty products for a wide range of markets. <a href="http://www.tsbrass.com">www.tsbrass.com</a></p>
	<p><b>Ferno</b> High performance couplings and innovative plumbing and drainage solutions. <a href="https://www.ferno.com">https://www.ferno.com</a></p>		<p><b>Takagi</b> Tankless Commercial &amp; Residential water heaters. <a href="http://www.takagi.com">www.takagi.com</a></p>
	<p><b>Fox Environmental</b> Fox washdown units. Designed to divert all your wash down water to waste. <a href="http://www.foxenviro.com.au/us">www.foxenviro.com.au/us</a></p>		<p><b>Turbo Torch</b> Soldering and welding torches, tips, kits and accessories. <a href="http://www.turbotorch.com">www.turbotorch.com</a></p>
	<p><b>Just Manufacturing</b> Stainless steel sinks for commercial, residential, and institutional applications. <a href="http://www.justmfg.com">www.justmfg.com</a></p>		<p><b>Watts (family of brands)</b> Ames - Blucher - Brae - Dormont - Orion - Powers - Watts Drainage - Watts Pure Water - Watts Regulator. <a href="http://www.watts.com">www.watts.com</a></p>
	<p><b>K-FLEX USA</b> Elastomeric closed cell insulation products that deliver reliable lasting performance. <a href="http://www.kflexusa.com">www.kflexusa.com</a></p>		

5375 East Hunter Avenue Anaheim, CA 92807  
Phone (714) 888-2444 • Fax (714) 888-2448 • Sales@delcosales.com • www.delcosales.com