



Water Professionals Are L.A. Bound for 2011 WEFTEC Show

By Sharon M. Bueno

Pack your sunglasses and enjoy the sunshine at the 2011 WEFTEC Show! The Water Environment Federation Technical Exhibition and Conference (WEFTEC) heads to Los Angeles for its 84th annual event at the Los Angeles Convention Center, Oct. 15-19.

WEFTEC 2010 brought in more than 17,000 attendees, nearly 1,000 exhibitors, making it one of the largest annual events for water quality professionals held each year. This year, WEFTEC 2011 will host 112 technical sessions from topics including emerging research and innovation, industrial issues and treatment technology, municipal wastewater treatment process and design, facility operations, residuals and biosolids management, collection systems, stormwater management, watershed resources management and sustainability, utility management, water reclamation and reuse, future insights, global issues and sustainability and government affairs/exhibitor forum. There will also be 26 workshops and eight facility tours.

Attendees have the opportunity to earn 1.2 continuing education units (CEUs), 19.5 professional development

hours (PDHs) and numerous contact hours by attending many of the conference events.

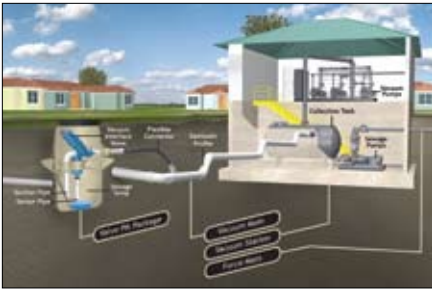
Delivering the keynote address at the Opening General Session on Monday, Oct. 17 will be Dr. Rita Colwell, a distinguished Professor from the University of Maryland and Johns Hopkins University's Bloomberg School of Public Health. The 2010 Stockholm Water Prize Laureate, and world-renowned expert on waterborne diseases is widely recognized as one of this century's most influential voices in science, technology, and policy associated with water and health.

Following Colwell will be a special presentation from Doc Hendley, Founder and President of Wine To Water and one of CNN's Heroes in 2009. Wine To Water is a 501(c)(3) non-profit aid organization focused on providing clean water to needy people around the world.

For more information about WEFTEC, visit www.weftec.org.

Sharon M. Bueno is managing editor of *Trenchless Technology*.

AIRVAC



AIRVAC vacuum sewers are a cost-effective, environmentally friendly alternative to traditional gravity sewers providing low maintenance, efficient and reliable sewage collection. Engineering firms and municipalities looking for alternatives to gravity sewers and options for septic system replacement are turning more and more to vacuum sewers. As the industry leader and expert in vacuum sewer system technology, AIRVAC offers vacuum valves, valve pits and vacuum station equipment as well as our expertise in design, construction and operation of vacuum sewage systems. Go to www.airvac.com for more information and to see a video on how the AIRVAC vacuum sewer system works.

American Augers



The American Augers Disc Cutter Head is the most essential auger boring accessory a driller can have. This innovative partner to the auger boring machine is a result of the constant need for extra strength in directional boring. The Disc Cutter Head is designed to solve issues involved while boring in various geological or mixed-face conditions with superior strength and durability. The American Augers Disc Cutter Head boasts: (1) a retractable, large-diameter cutting head with increased access (2) power-assisted steering jacks, (3) a retractable steering assembly (4) spoil removal (5) available in sizes from 24 to 48 inches, and (6) a hex adapter to eas-

ily retro-fit to existing American Augers equipment, as well as other boring brands.

AP/M Permaform



CentriPipe--Centrifugally Cast Concrete Pipe-- is a cost-effective, no-dig solution for structural lining of culverts using a spin caster and our specialty mortar, PL-8000. The precisely placed and compacted concrete liner is applied at the best design thickness for the diameter and conditions. It contains rust inhibitors to prevent corrosion of the old metal culvert and it is highly resistant to abrasion. This process also provides waterproofing, sealing, structural reinforcement and corrosion protection. CentriPipe is the only system that maximizes the pipe interior for capacity and flows while providing a fully structural "pipe within a pipe." Visit AP/M's website to see a short video at www.centripipe.com then let them know how they can help with your next project.

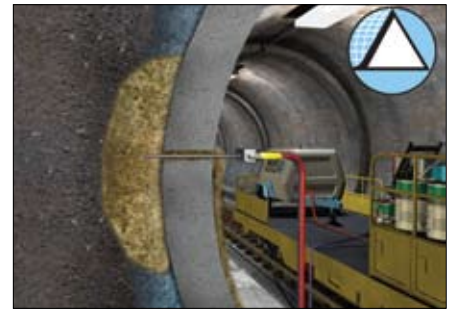
Applied Felts



Applied Felts is an international leader in providing top quality felt liners for successful CIPP installations. A pioneer in the CIPP process, Applied Felts has played a pivotal role in perfecting felt liners from the very beginning of trenchless pipeline rehabilitation technology. Each and every felt liner exhibits quality features that have

been proven over time. Applied Felts is a 100 percent vertically integrated liner manufacturer, which guarantees that every phase of manufacturing — from the purchase of raw fiber to the coating and manufacture of liners — is done in one location, providing impeccable precision and control over the quality products. The innovative.

Avanti International



Avanti's AV-100 Chemical Grout is an ultra-low viscosity, chemically-activated gel and the U.S. Department of Energy's product of choice for long-term control of groundwater and infiltration. Avanti's AV-100 has the same viscosity as water, which allows it to quickly permeate the substrate and cure to form a matrix with the soil and porous rock. The image illustrates how the product is used to create an effective, long-lasting water barrier and superb soil stabilizer. AV-100 helps contractors stop infiltration without chasing the water from crack to crack by forming an impermeable grout curtain outside underground structures. Avanti's AV-100 has been successfully used for decades via probe grouting, remote packer grouting, curtain grouting, and tube-a-manchette grouting for pre-excitation groundwater control, hazardous waste encapsulation, prevention of structural movement due to groundwater, as well as sealing entire sewer and underground transit systems.

Cherne Industries



Oatey SCS will feature its new Cherne I-Series plugs, which are improved in several ways. Smaller deflated diameter means easier



Fusible PVC™ Pipe

Underground Solutions has emerged as the fastest growing provider of water and sewer pipe reflecting the overwhelming acceptance of the fused PVC pipe technology embodied in its Fusible PVC™ product line. Millions of feet of Fusible PVC™ pipe have been successfully installed in *thousands* of projects – saving clients *millions* of dollars. Underground Solutions is proud to have been the pipe technology to enable the *Trenchless Technology Project of the Year in 2010* and *Trenchless Technology Project of the Year in 2007 – Honorable Mention* – both for continuous directional drills greater than 5000 LF in length. Ease of re-connection, better chemical resistance and better ID/OD comparisons with respect to other plastic pipe materials drive both initial and lifecycle savings in trenchless and open-cut installations.



CUES Inc.



CUES offers a full line of portable and truck-mounted grout rehabilitation systems. Truck-mounted grout rehabilitation systems are available for mainline joint sealing/lateral sealing and can be equipped with the latest CCTV equipment for television inspection! Applications include joint testing and sealing of mainline and lateral joints, manholes, junction

boxes, large diameter pipes, or any other low pressure water-proofing application. All systems can be configured to run Urethane, Acrylimide and Acrylate grouts. Dry freight box (for export) and trailer-mounted systems are also available. Grout packers are available for mainline and lateral sealing.

Duke's Root Control Inc.

Duke's Root Control, Inc. is a full-service root control company dedicated to keeping sewer systems free of tree root growth. Through professional application of Duke's proprietary herbicide, Razorooter II, more than 2,000 U.S. municipalities have benefited from extended pipe life, reduced SSO occurrences, and maximized asset value. Duke's has successfully treated over 140 million ft of sewer line and continues to deliver results to municipalities through: Asset Management and CMOM Solutions: Duke's can customize a root-control program that integrates CMOM into each municipality's O&M plan. EPA-Registered Products: Duke's only applies EPA-registered products that do not negatively impact downstream treatment facilities and are shown to be non-cancer-causing (U.S. EPA R.E.D. Facts, July 1995). Two- to Three-Year Guarantee: Duke's stands behind their service 100 percent. If a root-related stoppage occurs within two to three years after treatment, Duke's re-treats the line.



Gorman-Rupp



The Gorman-Rupp line of Infinity submersible solids-handling pumps are designed for easy maintenance and constructed for long life. The Infinity line is avail-

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From our expanded territories to our innovative technologies, we are more ready than ever to solve your pipe renewal challenge.

At Inliner, we now have expanded our service area. So, there's sure to be an Inliner specialist near you, ready to help you meet your project goals. Since 1986, Inliner technologies have been used throughout North America to protect, seal and renew more than 12 million feet of pipe and other structures. Inliner's ISO-certified materials and manufacturing processes, joined with our reliable project management and experienced installation personnel, ensure that each project is completed to meet the needs and the quality requirements of the owner.

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able in 3-, 4-, 6- and 8-in. flanged discharge sizes and horsepower ranging from 2 to 75 hp. These combinations will provide flows up to 3,100 gpm and heads to 190 ft. All SF Series pumps use NEMA Premium Efficiency motors and pass a minimum 3-in. spherical solid. The patent-pending eight-sided finned motor housing allows for optimal heat dissipation, extending motor life and eliminating the need for a cooling jacket. Pumps are available with channel or vortex impellers. The vortex models feature Gorman-Rupp's patent-pending Staggerwing technology.

HOBAS Pipe USA



Centrifugally cast, fiberglass-reinforced, polymer mortar HOBAS pipe is inherently corrosion resistant and lasts 100 years or more providing a very low life-cycle cost. After more than a quarter-century of reliable service, most U.S. municipalities

have used HOBAS pipe in new construction and rehab in critical installations. Key applications are sanitary and storm sewers, potable water and corrosive environments. Contractors prefer its leak-free, push-together joints that reduce installation time and costs. Main HOBAS benefits are inherent corrosion resistance, superior hydraulics, lightweight, high strength and long, maintenance-free service life. Installation methods include open cut, sliplining, jacking, microtunneling, two-pass tunnel, casing carrier and above ground. Sizes range from 18 to 110 in. for both pressure and gravity applications.

Inliner Technologies LLC



Inliner Technologies LLC, a leader in cured-in-place pipe renewal, provides solutions for deteriorating pipes and culverts ranging in diameter from 4 to 120 in. Inliner's licensees are contracted by municipalities and industrial companies to renew storm, waste, and process sewer piping that have been damaged by corro-

sion and/or structural deterioration. With its focus on superior customer service and innovation, Inliner has earned a reputation for unmatched integrity and quality – installing over 12 million ft of pipelining in the United States and Canada. With four licensees and approximately 100 marketing, sales, engineering and installation staff employed within the Inliner network, the company's technology has been utilized to perform pipe renewal projects in the United States and Canada since 1989. In-house tube manufacturing capabilities and an extensive network allow for competitive pricing with short lead times – giving municipal and industrial customers cost-effective, reliable and long-term pipeline solutions.

Insituform Technologies



Insituform Technologies Inc. invented cured-in-place pipe (CIPP) 40 years ago and continues to advance the infrastructure rehabilitation industry today with its

**NOW AT YOUR LOCAL
DITCH WITCH DEALER.**

InsituMain system, a fully structural, pressure rated CIPP solution suitable for pressure pipelines up to 60 in. in diameter. Engineered to restore existing pressure pipes, the InsituMain system withstands internal pressure and external load requirements as well as eliminates leakage and corrosion. Insituform Technologies Inc. is a leading worldwide provider of proprietary technologies and services for rehabilitating sewer, water, energy and mining pipelines and for corrosion protection. Insituform products allow communities to rehabilitate underground infrastructure with less disruption and at a lower cost than traditional methods. Visit Insituform in Booth #1931.

JM Eagle



Ultra Blue PVC pipe is the highest-performing, lightest-weight, most cost-effective pressure pipe for potable water and force main systems. Ultra Blue has a molecularly oriented for a wall that's four times stronger than conventional PVC at nearly half the thickness. It is pressure tough, crush resistant, non-corroding, durable and leak-resistant and it delivers HDB of 7,100 psi vs. HDB of 4,000 psi of conventional PVC pipe. Ultra Blue reduces energy needed for pumping; maintains its excellent hydraulic properties; makes installation easy and less expensive; reduces friction loss for high performance; and requires minimal energy to produce. Nearly 100 million ft of PVC pipe have been installed in North America, and JM Eagle is the only manufacturer of PVC in the United States.

LMK



Increase your crew's productivity three fold with LMK's New Hydrobot 3000 mini steam cure unit. This steam unit is light, portable, and powerful. Don't waste any more time waiting for liners to cure. With this small add on to your lining equipment you can cure liners in as little as 30 minutes. The Hydrobot is portable and can be maneuvered into small areas where boiler trucks and other large equipment would be impractical. LMK's Hydrobot is connected to any pressurized water source and used to cure lateral and sectional liners that would normally take two hours to cure allowing more liners to be installed and cured in one work day. This portable steam unit is compatible with all types of CIPP linings and thermoset resins and is being made available to you by LMK.

Logiball



TriHawk®, Hawkeye™, & SplineLok®

Introducing the latest additions to the Ditch Witch® line of dirt-devouring, rock-eating HDD downhole tools. Because when the going gets tough, you want to do more than just level the playing field. You want to punch a hole right through it. Visit your local Ditch Witch dealer today for product details and special offers.

Over the last 25 years, Logiball has designed and manufactured equipment for the trenchless rehabilitation of sewers. We have developed a complete line of mainline, lateral connection and push type test and seal grouting packers that have been used to stop millions of gallons of infiltration within the collection system. Our product line includes multi-size inflatable test and bypass plugs, specialized carrier packers for trenchless point repair systems, lateral cleaners from the mainline sewer and custom made equipment. See us at WEFTEC 2011, Booth # 1913.

Michels Pipe Services



Michels Pipe Services, a division of Brownsville, Wis.-based Michels Corp., recently used cured-in-place-pipe (CIPP) technology to rehabilitate a Phillippe Egg conduit in the Skokie, Ill., area. This was a contractually unique job that required Michels to work together with the four communities of Glenview, Buffalo Grove, Skokie and North Chicago. In addition to the unique challenges posed by the contract, rehabilitating the aging egg-shaped collection system conduit itself posed the real test. While egg-shaped conduits have long been known for their self-scouring properties — which results in low maintenance for owners — their non-standard design requires a more intricate installation method when rehabilitating through the use of CIPP. Michels Pipe Services showed its diverse strengths by using an Applied Felts liner from Premier

Pipe to rehabilitate the more than 50-year-old pipe to like-new condition without disrupting the surrounding environment.

Municipal Sales Inc.



Municipal Sales Inc. has developed a large pipe foaming nozzle for applying foaming sewer line root control agent into large diameter pipes (24 to 72-plus in.) that also exhibit high flows. Even though the skid may be completely submerged, an easily field adjustable counter weighted “snorkel” keeps the spray noz-

Simplified Pipeline Condition Assessment.

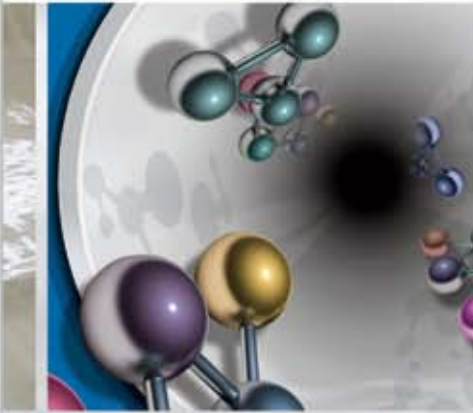
Get up to 30 internal visual and acoustic data points from a single insertion—while your pipeline remains in service—with cost-effective pipeline inspection technologies from Wachs Water Services. The next generation tethered systems offer superior inspection efficiencies and the ability to gain access to distribution and transmission mains via fire hydrants.

Whether it's locating leaks, examining tuberculation build-up, or pre/post lining inspections, pipeline assessment solutions from Wachs Water Services offer quick, accurate and tangible information to get you on the **fastrack2renewal**™. Visit wachswws.com/pipe

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Now there's a dependable CIPP product that lets you repair partially or fully deteriorated underground pipes with environmental safety in mind. Interplastic's ground-breaking Eco Series Resin has no styrene, no VOCs and no HAPs.

With the same polymer backing approved for today's pipeline remediation, the new resin is a proven solution in gravity pipelines that provides consistent quality, fast wetout, trouble-free processing, superior strength and higher flexural-modulus properties. It meets ASTM F216 requirements and reduces the likelihood of stress cracking and shrinkage with a lower exotherm.

You now have a "green" resin that will eliminate your environmental concerns.

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zle above the water. The skid and nozzle arrangement can easily fit through standard manhole openings and does not require manned entry for assembly. Combined with a unique valve nozzle, stubs and unusually long runs, where full length applications can only be accomplished by access from both ends, can now be appropriately foam coated in entirety.

Pure Technologies



A recent successful PipeDiver inspection completed as part of a comprehensive assessment a 54-in. force main marks a significant advancement in wastewater force

main condition assessment. PipeDiver is a non-destructive method of evaluating the baseline condition of prestressed concrete cylinder pipelines (PCCP) and is now proven to be effective in fully-operational PCCP wastewater force mains. PipeDiver's electromagnetic sensors assess the prestressing wire by estimating the quantity and location of wire breaks for each pipe section as it traverses the pipeline. The comprehensive condition assessment of PCCP force mains has proven difficult for wastewater collection system owners/operators because force mains generally lack redundancy.

Rain for Rent



The FP-1050 42-in. Floating Pump Station from Rain for Rent is a self-con-

tained, floating pump station that will revolutionize the high flow emergency pumping market. The FP-1050 meets Tier 3 emissions standards, is direct drive, highly efficient and moves large volumes of water. With a flow rate up to 68,500 gpm, the FP-1050 pump is perfect for large pumping projects. This pump produces up to 27-ft head, only utilizing 17 GPH of fuel. With a footprint of 20 ft x 8 ft, complete with an Intermodel ISO footprint, two FP-1050s can be easily transported by one truck.

RapidView IBAK North America



RapidView IBAK North America is pleased to introduce the latest evolution of the

ORION 2.5 Camera system. A revolution in compact design and functionality, the new ORION 2.5 boasts pan, tilt and zoom functionality. Incredible low-light camera technology allows users to inspect very large pipelines with this very small camera. Perfect for pushrod, tractor or lateral launch applications. When deployed on a tractor with a remote elevator and software, the ORION 2.5 is capable of using its onboard laser system to measure defects and pipe deformation.

Number 1 Hard Rock Drilling Systems in the World

The Mincon Hard Rock range, the benchmark for Hard Rock HDD drilling systems worldwide, offers the most complete line of steerable hammer systems on the market, covering pilot holes from 3 1/2" (89mm) to 7 1/2" (191mm). With the Mincon Hard Rock Support Station and hosing any conventional HDD machine can be converted for rock drilling. The sonde carriage can be easily adapted to your existing locating equipment.

Utilizing "high Frequency Cycle" technology Mincon hammer systems provide many benefits to the contractor. Small chip production and faster material removal from the bit face keeps the bore hole cleaner and reduces the possibility of getting stuck. With less vibration to the drill string you ensure less wear and tear to the rig and locating sonde. Steering capabilities are greatly improved and in head to head tests against other competitor manufacturers the Mincon Hardrock systems out steered in dirt, cobble and solid rock.

Mincon offers the revolutionary Pull Reamer system. Once the pilot hole has been drilled, the pilot hammer and sonde is removed and the pull reamer is attached to the drill string. The pull reamer is then drawn back towards the drill machine and the pilot hole is hammer reamed out to a current maximum of 14" (356mm). This innovative reaming method is the fastest way to ream a rock bore and is vastly superior to conventional methods in all rock conditions.

The philosophy at Mincon is to provide "World Class" products, training, service and support. We like to think that we are with you from beginning to end. The Mincon Hard Rock systems are the only systems available that can offer the contractor the peace of mind that comes with superior performance, reliability, innovation and complete support. Be wary of imitators that promise the world but just can't deliver.

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Raven Lining Systems



With a line of cementitious products, Raven Lining Systems is capable of sealing seeping moisture, skimming over minor surface irregularities or bringing severely deteriorated concrete or masonry structures back to grade prior to applying Raven Lining Systems' epoxy top-coats. Raven Lining Systems epoxy linings are ultra high build coatings formulated specifically for the underground Municipal wastewater market. Environmentally friendly, Raven Lining Systems' products demonstrate moisture tolerance, superior adhesion and high physical strengths to stop corrosion and

eliminate inflow and infiltration and can be used to structurally rebuild severely deteriorated infrastructure.

Reline America

The BLUE-TEK family of liners is the next generation of CIPP. The BLUE-TEK and BLUE-TEK AR3 liners are manufactured through a patented process of spirally-wound, fiberglass-reinforced Cured-In-



Place-Pipe. This product is design-engineered with the option of combining either our RA120 or RA75 glass with either a polyester or vinyl-ester resin as the project owner requires. This procedure can line pipes 6 to 48 in. in diameter and up to 1,000 ft in length from

manhole to manhole. Its ease of handling does not require job site mixing of chemicals or excavation, thus making it possible to rehabilitate damaged lines in hard-to-reach areas. As a UV-light cured liner, BLUE-TEK products are installed with the tamper-proof, computerized Quality-Tracker System that documents every foot of the curing process to ensure a quality installation. The product and the process have been tested extensively resulting in an average projected service life of 50 years.

RS Technical



Perform inspections in 6- to 24-in. pipelines from a single integrated unit. Locatable via a built-in 512 Hz sonde, the

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Horizontal Directional Drilling is all we do, every day. Our key people have been in the industry for more than 20 years and we have completed more than 1000 bores in every type of soil conditions imaginable. We have installed pipelines and utilities for ocean outfalls, under rivers, ship channels, creeks, wetlands, buildings and highways. Every bore that we have ever attempted has been successfully completed.

Our reputation has been built on our commitment to our clients and their projects.

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**Three rigs: 450 ton 200 ton and 30 ton
Crossings up to 6000 feet in length and 48" in diameter**

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McLaughlin vacuums are available exclusively at your local Vermeer dealer.



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system features a pan-and-tilt mainline camera and an auto upright lateral camera. A launch camera actuator allows for easy insertion into 90 degree laterals and the dedicated 90 watt motor produces amazing pushing force for lateral inspections up to 100 ft from the mainline. The six-wheel drive tractor features three forward speeds, reverse and freewheel with speeds up to 70 fpm. Also included in the system is a cable reel with 600 ft of cable (100 ft of push cable and 500 ft of 3/16-in. diameter armored Sincon cable) for easy manhole-to -anhole inspections. Visit us at Booth #1005.

SAERTEX multiCom



SAERTEX multiCom offers the efficient solution for the rehabilitation of old and corrosive sewer pipes since 1994. Sewer pipes with a diameter of 4 up to 50 in. are repaired by well-known companies globally with the SAERTEX-LINER. So far 7 million ft of SAERTEX-LINER have been installed worldwide. With its excellent material data SAERTEX-LINER offers with small wall thickness a new statics and tightness. The GRP liner, impregnated with polyester resin, is pulled into the old pipe through one manhole and cured under UV light. This curing method is very fast, economic and environmental friendly. SAERTEX USA has the latest UV curing technology available for rent, lease and purchase.

Sauereisen



More than 20 years of successful case studies stand behind Sauereisen's original 210 epoxy lining. From that foundation, Sauereisen proudly announces the expansion of its SewerGard family of products. SewerGard 210X, the newest version of our corrosion-resistant barrier, exhibits even greater compressive strength, exceeding 15,000 psi; is high-build (80 to 125 mils in a single coat); elongation greater than 12 percent; all while maintaining Sauereisen's unbeatable impermeability and chemical resistance. SewerGard 210G is the next generation of Glaze.

Sealing Systems



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a Guarantee.
It's gotta be Gabe's.**

Whether it's Horizontal Directional Drilling, Locating Services, Telecom and DAS Networks or UG Electric Civil Construction, Gabe's has guaranteed its work **since 1942**. Maybe that's why Gabe's is the leading utility contractor throughout the United States and Canada.

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Flex-Seal Utility Sealant is a state-of-the-art plural component aromatic urethane with an incredible 800 percent elongation and a tensile strength of 3,200 psi. Flex-Seal is designed to prevent inflow/infiltration and to provide corrosion protection at the grade adjustment ring section or joint section. Flex-Seal Utility Sealant provides an excellent seal and it will pass a vacuum test according to ASTM standards. The internal seal is manually applied using a paint brush and the kit is designed to cover 12 vertical in. on a 27-in. diameter manhole. Booth # 1717

Clarifiers, sediment and transfer tanks, lagoons and other plant facility surfaces can now be protected and given extend lifespan with SprayWall, structural spray-applied polyurethane from Sprayroq. Used successfully to rehabilitate and protect collection system structures for over two decades, SprayWall is an exceptional restorative and protective lining solution for treatment facilities due to its extremely quick cure time, corrosion and abrasion-resistant properties and ability to be applied in any desired thickness in a single pass. Structures can be returned to service rapidly, in some cases within hours vs. days. SprayWall is 100 percent VOC free.

Superior Smoke Generators offer the most cost-effective method to find sources of inflow causing wet weather sanitary sewer overflows. A fast, easy and inexpensive way to find leaks in plumbing, drain, vent, and collection systems, the Superior Smoke Testing Technique remains the sewer testing standard since 1961. Superior Signal Co. offers both Classic Smoke Candles and Smoke Fluid Systems, plus Smoke Blowers engineered for all your smoke testing needs. Classic Smoke Candles provide the most visible smoke so you can find more faults and at a longer distance. Classic Smoke is available in sizes to meet any need from 30 to 500,000 ft.

Sprayroq



Superior Signal



Thompson Pump & Mfg.





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Cured-In-Place Pipeline
Successfully Installed**

Building a culture of operational excellence through

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- Safe Work Practices
- High Quality Work
- Relationships with Clients and Suppliers
- Ethics and Integrity

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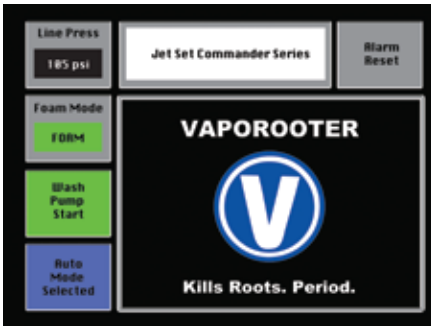
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Thompson's JSC Series Solids Handling ENVIROPRIME pump leads the industry in utility construction applications. With its heavy-duty cast-iron construction and ability to dry-prime and re-prime automatically, this portable model is ideal for sewage bypasses. The JSC Series features pumps that range in size from 3 for 18 in., are designed for high flows to 11,000 gpm and have maximum heads to 330 ft. These end-suction centrifugal pump ends can handle solids up to 4 in. and are available coupled to the latest EPA Tier-compliant engines or premium efficiency electric motors. Visit us at Booth #341.

Vaporooter



The Jet Set Commander is a state-of-the-art system for the on-demand application of Sanafoam Vaporooter II, a chemical root control product formulated to eliminate roots and resulting blockages in sanitary sewer systems. The Commander can be installed on virtually any make or model of hydro-jetter or combination sewer cleaning truck with a front, mid or rear mounted reel. The Commander is easily removable when not in use and can be installed on a standard receiver hitch or on the chassis in the place of a

tool box. The Commander is offered as a factory installed or aftermarket option by most major sewer truck manufacturers and their dealers or may be installed by Vaporooter.

Weftec Show Hours:

The Exhibition will be held in Kentia, West and South Halls (three halls) in the Los Angeles Convention Center on the following date/times:

Monday, Oct. 17
9 a.m. – 5 p.m.

Tuesday, Oct. 18
9 a.m. – 5 p.m.

Wednesday, Oct. 19
9 a.m. – 5 p.m.

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