The Water Environment Technical Exhibition and Conference (WEFTEC) heads to New Orleans for its 85th annual event at the New Orleans Morial Convention Center.

WEFTEC 2011 brought in more than 17,000 attendees, more than 900 exhibitors, making it one of the largest annual event for water quality professionals held each year. This year, WEFTEC 2012 will host 130 technical sessions from topics including Collection Systems; Disinfection and Public Health; Facility Operations and Maintenance; Future Insights, Global Issues and Sustainability; Government Affairs; Industrial Issues and Treatment Technologies; Research and Innovation; Municipal Wastewater Treatment Process and Design; Residuals and Biosolids Management; Stormwater Management; Utility Management; Water Reclamation and Reuse; and Watershed Resources Management and Sustainability. There will also be 24 workshops and six facility tours.

As always, attendees have the opportunity to earn 1.2 continuing education units (CEUs), 16.5 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. 1 will be scheduled for Monday, Oct. 1, this year’s keynote address will be delivered by Jim Carroll, a respected author, columnist, media commentator and consultant who links future trends to innovation and creativity. The theme of this year’s Opening General Session will focus on “A New Direction for WEF” and tie into the organization’s new Strategic Direction that was announced earlier this year. Carroll’s presentation on innovation and transformation strategy is expected to frame the larger program theme and provide some tools and tips for how to achieve a higher level of success through significant, transformative change.

The Opening General Session will also feature remarks from WEF executive director Jeff Eger and 2011-2012 WEF president Matt Bond as well as recognition of the 2012 Stockholm Junior Water Prize winners.

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

Sharon M. Bueno is managing editor of Trenchless Technology.
AP/M PERMAFORM

CentriPipe Pipe Lining System-- provides a cost-effective, no dig solution for structural lining of culverts using its patented bi-directional spincaster to centrifugally compact a precision liner at the best design thickness for the size, shape and conditions of deteriorated pipe. It inhibits rust and it is highly resistant to abrasion. It waterproofs, seals, structurally reinforces and protects round, arched and elliptical pipe. It is professionally applied through our global network of certified applicators. Proven reliability from the same company providing manhole solutions since 1976. For more details, stop by WEFTEC Booth #4939, visit us online at www.centripipe.com, or call (800) 662-6465.

BROWN BEAR CORP.

Brown Bear Corp. has introduced a new improved version of its skid steer and compact track loader mounted sludge aerator-compost attachment. The new MDR24-8-ft has been improved using a hydraulic motor with increased shaft size and higher operating pressure range to provide more operating power. Other improvements include a heavier hitch plate and longer splash shield. The MDR24-8-ft sludge and compost aerator should be attached to a skid steer or compact tracked loader utilizing optional high flow hydraulics. The aerator is typically used for drying sludge in hard bottom cells or blending bio-solids with yard waste and then turning and aerating the windrows.

CRETEX SPECIALTY PRODUCTS

Cretex Specialty Products is introducing the PRO-RING manhole adjustment system, a lightweight concrete alternative made of expanded polypropylene. PRO-RING is designed to meet AASHTO HS-25 load rating, and has passed ASTM C969 and C1244. PRO-RING will not degrade from hydrogen sulfide or other gasses found in sanitary sewer environments. PRO-RING will protect the concrete structure from the repeated impact of vehicles with the energy absorbing properties of EPP. All this and PRO-RING can adjust 6 in. weighing just 14 lbs. Visit Cretex in Booth #2327 at WEFTEC 2012 and check out all the details at www.cretexseals.com

CUES

The CUES Digital Universal Camera (DUC) is a semi-autonomous, high resolution, digital CCTV, side-scanning camera designed for rapid and detailed condition assessment of your wastewater system. When used in conjunction with CUES asset-based Granite XP decision support software, you can inspect and assess 5,000 ft or more per day, increasing your revenue, while reducing your expenses. The DUC system produces a continuous hemispherical scan of internal pipe conditions in 6- to 60-ft pipe and operates at a constant speed without the need to stop or pan and tilt. Simply drive the unit on cruise control to the remote manhole or through multiple manholes for maximum efficiency.

DUKE’S ROOT CONTROL

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, over 2,000 U.S. municipalities have benefited from extended pipe life, reduced SSO occurrences and maximized asset value. Duke’s has successfully treated over 180 million ft of sewer line and continues to deliver results to municipalities. A sister company to Duke’s Root Control, Sewer Sciences is a leading producer of innovative, effective solutions for the sewer root control industry. Using cutting-edge technology and research methodology, Sewer Sciences has developed EPA-registered products that effectively control root growth without compromising wastewater treatment facilities, the environment, and local communities. Sewer Sciences has also consulted with the U.S. EPA to create training manuals for instructing and certifying root-control applicators in proper application techniques.

GODWIN PUMPS

The Godwin Dri-Prime NC150 is a powerful yet compact pump offering flows to 1,767 gpm and discharge heads to 195 ft. The NC150 features patented Flygt N-technology with an innovative self-cleaning impeller for non-clog performance. NC series pumps are engineered to deliver sustained high efficiency resulting in lower energy and fuel costs while reducing unplanned downtime. This makes the NC150 a best-in-class portable pump suitable for both sewage and clean water applications. The pump features: Dri-Prime automatic self-priming system that primes and re-primes from dry to 28 ft without operator assistance; Hard-Iron (60 HRC) impeller and insert ring; Dry-running high-pressure oil bath mechanical seal with highly abrasion-resistant silicon carbide faces; and Close-coupled centrifugal pump for easy pump end or engine/motor changeover in the field.
GORMAN RUPP

Designed to deliver all the benefits of Gorman Rupp’s sound-attenuated silent pumps, this new emergency bypass station operates on natural gas, making it another quiet, efficient, and environmentally friendly addition to our family of industry leading engine-driven pumps. This unit features a 6-in. Super T Series pump capable of passing a 3-in. spherical solid and offers a sound-proof lightweight aluminum enclosure. The enclosure has padlockable door panels and can be removed for maintenance of the pump or engine. This unit is a complete back-up package, ready for hook-up. With ReliaPrime your customers can count on reliable bypass and backup for emergencies and power outages, primary pump repair, and additional pumping capacity, whenever and wherever it is needed. Visit us at WEFTEC Booth #3527.

HOBAS 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. 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 126 in. for both pressure and gravity applications. HOBAS Pipe USA has earned ISO 14001 certification representing the core set of standards for environmental performance, marking the company’s dedication to environmentally friendly green practices.

INSITUFORM TECHNOLOGIES

Since 1971, Insituform has installed more than 20,000 miles of CIPP globally. Insituform CIPP, which is considered the most widely used pipeline rehabilitation method in the world, is ideal to restore gravity, pressure and potable water pipelines, storm drains and culverts. Insituform’s experience allows it to confidently manage large projects in high profile and environmentally sensitive areas. Insituform has worked with municipalities, engineering firms and contractors throughout the world to rehabilitate valuable underground infrastructure. Insituform’s products include Insituform CIPP, iPlus Composite for large-diameter pipelines, iPlus Infusion for small-diameter pipelines and InsituMain for the rehabilitation of pressure pipelines. Insituform is part of the Aegion Corp., a global leader in infrastructure protection.
Kerneos Inc.

SewperCoat, the original 100 percent calcium aluminate solution, has a history of more than 20 years performance in the world’s harshest sewer environments. Its unique chemistry continues to resist the damaging effects of biogenic corrosion. If 20 years of documented field performance isn’t enough, SewperCoat is backed by Kerneos, the inventor of the technology more than 100 years ago (J. Bied patent, 1908). Continue to choose SewperCoat, the original 100 percent calcium aluminate. For more information, visit www.SewperCoat.com.

IPR

Inland Pipe Rehabilitation (IPR) will be promoting three new trenchless pipeline rehabilitation technologies: NSF-61 certified RS BlueLine, which is a CIPP system for water main rehabilitation; a AWWA M28 classified CIPP pipeline renewal system for pressure lines; and EcoCast, an environmentally-friendly advanced geopolymer system for large diameter, short segment centrifugally cast pipe and culvert lining. With offices and equipment strategically located throughout the United States, IPR is the nation’s largest privately owned trenchless solutions contractor. For more information, go to www.teamipr.com.

ISCO INDUSTRIES

ISCO Industries, a global customized piping solutions provider, stocks and sells HDPE pipe and piping products for multiple applications such as: industrial, municipal, power, oil and gas, mining, environmental, geothermal, golf, culvert-lining and landfill. ISCO also has a fleet of fusion equipment available from 1 in. to 65 in. for purchase or rental, specializing in McElroy fusion equipment. The company also services McElroy fusion equipment. ISCO has more than 25 facilities internationally — inventorying large stockpiles of HDPE pipe and piping products, usually within a one-day delivery of most projects. ISCO Industries also offers custom HDPE fabrication such as fittings, manholes with internal plumbing, complex spool systems and other structures. More information is available at www.isco-pipe.com.

JM EAGLE

Eagle Loc 900 is JM Eagle’s revolutionary internal joint restraint system. Pairing JM Eagle C900 with Bulldog technology that restrains the joint from the inside of the pipe, Eagle Loc 900 eliminates the need for tools, rods, clamps bolts or splines. It does away with concerns associated with external restraints and thrust blocks, including corrosion, intrusion with existing infrastructure and complications with future digs. Eagle Loc 900 is suitable for installations including HDD, open-cut and road bore. JM Eagle backs Eagle Loc 900 with its 50-year warranty.
LMK ENTERPRISES

Your search for a durable, watertight seal stops here. The LMK Insignia Sealing System is the latest addition to LMK’s line of quality products for sewer rehabilitation. LMK offers Insignia O-rings, Connection Hats, and End Seal Sleeves as solutions to groundwater infiltration at lateral/mainline connections and manhole penetrations. Insignia Seals swell three to five times on contact with water forming a water tight seal. The Insignia line of products is compatible with Pull-in-Place, as well as Inversion methods of lining. Advantages of the Insignia seals include a low profile, larger surface area, and a seamlessly molded 360 compression gasket to ensure a strong, even seal in the pipe. Insignia inhibits groundwater infiltration, enhancing the quality of the CIPP lining and thus maximizing the efficiency of the sewer. For more information on LMK Insignia, call us at 815-433-1275 or email at sales@lmkenterprises.com.

LOGIBALL

For the last 30 years, Logiball has designed and manufactured equipment for the trenchless rehabilitation of sewers. Logiball has 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.

MICHELS PIPE SERVICES

Michels Pipe Services, a division of Wisconsin-based Michels Corp., recently used cured-in-place pipe (CIPP) technology to rehabilitate a 50-year-old drinking water and fire-supply conduit in Washington state. This unique job required Michels to work in conjunction with a railroad company, Washington Department of Transportation and the Village of Pasco to renew a previously abandoned conduit for another 50 years of service. Using great care, Michels installed a NordiPipe liner to successfully rehabilitate the pipe to like-new condition without a single disruption to the busy rail crossing on the project. Michels Pipe Services also installs CIPP from Premier-Pipe USA using Applied Felts and Sprayed-In-Place-Pipe (SIPP) from 3MTM using the Scotchkote line.

NASSCO

NASSCO’s Inspector Training & Certification Program (ITCP) will be expanding this year to offer a two-day course for manhole rehabilitation. The first of the ITCP series involved the inspection of cured-in-place pipe (CIPP). The new Manhole Rehabilitation ITCP will concentrate on assuring a quality installation is performed by focusing on three key phases of application including preparation, installation and testing. Future plans include a course for Pipe Bursting. Go to www.nassco.org to learn more. Also, after extensive peer review, the Pipeline Assessment & Certification Program is now available in Spanish. Email diego@nassco.org for details.

RAIN FOR RENT

The DV-150c 6-in. pump from Rain for Rent is specifically designed to reduce operator maintenance costs for bypass and dewatering projects. With superior fuel efficiency, this pump is able to move more gallons of water at a lower cost. The high-efficiency impeller offers improved solids handling and greater suction lift capabilities. The DV-150c can handle solids up to 3 in., flows up to 2,800 gpm, and head up to 150 ft. Mounted on galvanized trailers to protect against rust and corrosion, this equipment has a maintenance free surface. Combine this 6-in. pump with other Rain for Rent products for a complete system to solve your unique liquid handling problems. Contact Rain for Rent for pump rentals, nationwide at 800-742-7246.

RAVEN LINING SYSTEMS

Raven Lining Systems introduces Raven 405FS. Raven 405FS (fast set) is a solvent-free, 100 percent solids, ultra high build epoxy coating formulated for faster cure and less downtime while maintaining the proven chemical resistance that has made Raven products the leader in wastewater infrastructure protection. 405FS’s high-build ability allows it to be applied on vertical and overhead surfaces up to 150 mils thickness in one application. The physical property of 405FS allows it to be used on concrete as a structural lining in manholes, pipelines, tanks, and other deteriorated structures. Typically, the coating will be tack-free in one and a half hours at 72 F and hard-dry in about two hours, allowing for quick turn-around. Raven products are available through our network of certified applicators; trained in proper surface preparation, product application and quality control testing to ensure the integrity and success of your project. For more information visit our website at www.ravenlining.com or call 800-324-2810.
Reline America, Inc., the North American manufacturer of Blue-Tek cured-in-place pipe (CIPP) liners and equipment is pleased to announce that 1,250-watt bulb upgrades are now available for its LQ-30 light train. This higher UV bulb wattage allows for curing thicker liners at a faster speed of cure. As the UV light interacts with the fiberglass material wet-out with either polyester or vinylester resin, it causes the material to cure, yielding a short-term e-modulus of 1 to 1.5 million psi, depending upon whether RA 75 or RA120 liners are being used. The upgrade is suitable for curing 18- to 54-in. diameter liners.

Root X
Start killing pipeline roots today and restoring pipe flow capacity with RootX. RootX is a dry powdered formula that can be applied with existing sewer cleaning equipment or direct from the package. Just add water to the RootX formula and you can create a root killing foam that will kill the roots the foam comes in contact with and also leaving a residual to stunt new growth for a longer period of time than cutting. The simplicity of the RootX application means a city sewer crew can do root control on demand and a professional drain cleaner has a powerful tool to add to their business. Registered with the EPA for both sanitary and storm use (EPA Reg.# 68464).

R.S. Technical Services
The CUBE — compact, all-inclusive single conductor mainline inspection system offering all the inspection capabilities found in typical vehicle mounted systems but with the benefits of extreme portability and transport flexibility. Housed in quarter-inch powder coated, glare resistant aluminum, The CUBE has forklift access both front and rear along with stainless steel lift and tie-down hooks for easy handling and storage. The system is designed to fit on an ATV or in the bed of a pickup. It can be configured to operate any of R.S.Tech’s mainline cameras and transporters with up to 1,500 ft of cable for inspections in lines 6 in. and larger in diameter.

Just like politicians in a heated campaign... some spray-applied polymer manufacturers make claims and promises they just can’t deliver.

Trust the facts — not the spin.

- SprayWall® has superior flexural modulus of greater than 735,000 PSI and compressive strength of greater than 18,000 PSI
- 50 year structural design life per ASTM D2990
- Structural properties tested and verified by independent third party labs—results posted on www.sprayroq.com

800.634.0504 | 205.957.0020 www.sprayroq.com the gold standard
Sanexen

Aqua-Pipe is a class IV structural, stand alone, cured-in-place liner (CIPP) designed for the trenchless rehabilitation of 6- to 16-in. water mains. It is certified by NSF to standard NSF/ANSI 61 and designed to meet ASTM F1216 and F1743 standards for the rehabilitation of water mains. This trenchless rehabilitation technology is an economical, green and viable alternative to traditional open-cut. The service connections are reinstated from within using robotic equipment, eliminating the need to excavate in front of every house. In general all types of water mains can be structurally rehabilitated with the Aqua-Pipe technology including cast iron, ductile iron, steel and asbestos cement. With more than 1.8 million ft successfully installed in North America, Aqua-Pipe is now considered a reliable solution where water mains breaks and leaks are a growing issue.

Sauereisen

Sauereisen SewerGard No. 210X is a protective lining specifically formulated for municipal wastewater environments. SewerGard No. 210X provides a chemical-resistant barrier for concrete, masonry, brick and steel substrates. SewerGardTM No. 210X has the ability to build up to 125 mils in a single coat and offers strengths in excess of 15,000 psi. What is exceptionally exciting is 210X’s ability to maintain an elongation of more than 12 percent. As a 100 percent solids epoxy polymer, No. 210X is specified to protect infrastructure throughout the wastewater industry. Applications range from manholes and lift stations within collection systems to tankage, structural steel, and secondary containment at treatment plants. Installation of SewerGard No. 210X is easily completed using airless spray equipment, plural component spray equipment or roller. Characteristics include: Resistant to hydrogen sulfide and sulfuric acid; Suitable as 80-125 mil lining; Moisture tolerant; and Zero VOCs (100 percent solids). Established in 1899, Sauereisen delivers the credibility that can only be attained by a history of success. From collection systems to treatment plants, Sauereisen offers the technology and experience to generate confidence.

Terre Hill Composites

The Terre Hill Composites’s Multiplexx PCVP Liner uses a highly functional, acid-resistant PVC barrier as its first line of defense against corrosive sewer gasses. The PVC barrier protects all of the other components in the liner system, assuring that there is no loss of designed liner strength against hydrostatic head pressure. Its liner not only stops infiltration of groundwater, diminishing the unit volume of wastewater that must be treated and paid for, but also arrests the exfiltration of sewage into the local environment. Its installation process is quick and efficient, usually allowing for uninterrupted wastewater flow and a liner cure time of about one hour. Its liner system comes with a non-prorated, 10-year warranty, so your asset value remains fixed at least at the cost of rehabilitation for the entire warranty period.

Thompson Pump

Thompson Pump will showcase the Compact pump series with all the benefits of the popular Thompson Pump JSC series with the new benefits of a smaller compact size, lighter weight, fewer parts, less maintenance, and lower price at the upcoming WEFTEC trade show at Booth #7939. The Thompson Compact pump is 35 percent smaller and 20 percent lighter but offers the same great performance as a standard size pump with 24-hour run time fuel tank. Available in the most common diesel-drive portable pump sizes of 4 and 6 in., the Compact series offers an economical alternative to similar sized portable pumps — a significant savings compared to standard 4- and 6-in. compressor-assisted pumps. Best of all, Thompson Pump’s Compact pump series includes the revolutionary Enviropump system — which keeps the pumpage from discharging into the environment unlike the competition. The compact series is available with the most sought after developments such as automatic start/stop and Silent Knight sound attenuation, among a few. Consult Thompson Pump for options, accessories, applications assistance and alternatives. For more information, call (800) 767-7310 or log onto www.thompsonpump.com.

U.S. Composite Pipe South

Flowtite filament wound pressure pipe and Meyer polymer concrete pipe products will be displayed in Booth 2663, Hall D. Over the past several decades, these products have proven themselves to be very effective and competitive in municipal pipeline projects. Flowtite filament wound pressure pipe products are produced in diameters from 12- to 156-in., up to 40-ft long sections and 450 psi pressure class. Flowtite products are proven effective for non-corrosive pipeline systems that provide significant cost saving by eliminating cathodic protection systems, welding and lining requirement of the joints and the need for much lighter construction equipment. Special fiberglass fittings are offered as well. Meyer polymer concrete pipe is available in a range of diameters from 18 to 102 in., in standard 10-ft sections and is ideally suited for micro-tunneling and jacking jobs. Visit its new website at www.flowtitepipe.com.
Vactor Mfg.

The Vactor 2100 Plus from Vactor Mfg., the leader in truck-mounted systems and sewer cleaning trucks, features increased vacuum performance and improvements to operator comfort and control, air routing and filtration and efficiency. Designed for public utilities and professional contractors, this machine delivers plenty of power to clean larger storm lines and keep debris out of the ecosystem and fresh water supplies. Smart Truck concept features integrated on the sewer cleaner include internal monitoring systems that enable the operator to monitor and troubleshoot flow and pressure, blower temperature and oil level, drive system idle and open vacuum relief. The exclusive Jet Rodder water pump delivers maximum, continuous flow and pressure with minimal wear. The standard multi-flow system allows the operator to dial in the most effective pressure needed for the application at hand while using less fuel. Additional features of the Vactor 2100 Plus include an easy-load, fast-dump debris body, Modul-Flex design system, and positive displacement vacuum and fan platforms.

Vaporooter

VAPOROOTER pioneered chemical root control for the sanitary sewer industry in 1968. Forty-plus years later chemical root control is still the most effective way to solve your root problems; guaranteed to kill roots on contact and prevent growth for years after treatment. Today, Vaporooter’s sales and technical staff along with its nationwide dealer and contractor network, offer expertise and experience in eliminating root and grease problems with the latest technology and equipment. Call 800 841-1444 or visit www.Vaporooter.com today to find out how to eliminate root and grease problems.