

PEPtalk

Fall 2011 - Volume 25

Combined Sewer Separation Project—Portland, ME

In June, sewer managers for Maine's largest city received a regional American Public Works Association award for a project that involved one of the nation's first and largest installations of polypropylene pipe for combined sewer overflow remediation.

In 2007, when Portland began exploring how to eliminate overflows and keep untreated wastewater from flowing into an estuary, such a product wasn't commercially available. But the next year, a pipe that provided a watertight joint and met the city's required stiffness standard of 46 pii was introduced and added to the list of options – which included epoxy-coated, reinforced concrete and centrifugally cast glass fiber reinforced polymer – contractors could choose from to meet an extremely tight installation deadline.

Developed specifically for the gravity-flow sanitary sewer market, SaniTite HP (for "high-performance") pipe is made from an enhanced grade of polypropylene resin: an engineered, impact-modified, co-polymer compound that's chemically resistant to the hydrogen sulfide gas and sulfuric acid concentrations typical of sanitary sewers. Developer and manufacturer Advanced Drainage Systems Inc. (ADS) is the world's largest producer of corrugated high-density polyethylene (HDPE) pipe.

SaniTite HP 30 to 60-inch diameters meet ASTM F2764.

"Our analysis determined the main line would require a 60-inch pipe to handle the peak flow rate anticipated for the system of 70 million gallons a day along its 1-mile length," says Woodard & Curran Project Manager Dave Senus, PE. "The ADS pipe with its Manning's 'n' value of 0.012 met this requirement."

So it was added to the city's request for proposals.

The original design called for concrete structures. But instead of heavy, 8-foot precast concrete manholes that would've been cumbersome to move, each of the 21 manholes was individually designed for H-20 load rating and fill heights at the ADS factory. Once in place on the job site, each T-base was encapsulated in concrete with a field-placed steel reinforcing cage.

"We saw the benefit of making them out of the SaniTite pipe instead of concrete and worked with the city to gain approval," says Robbie Chadwick of E.J. Prescott, which provided logistics and system design support for the project. "In the past you'd have the pipe from ADS, then the concrete structures from another company, etc. Instead, this is a turnkey operation. We live here, so we want what's best for our community. This interceptor will probably last for more than 100 years."

PROJECT DETAILS:

PROJECT: Combined sewer separation

OWNER: City of Portland, Maine

ENGINEERING AND DESIGN: Woodard & Curran, Portland

LOGISTICS / SYSTEM DESIGN SUPPORT: E.J. Prescott, Inc.; Gardiner, Maine

CONSTRUCTION MONITORING: Gorrill-Palmer Consulting Engineers Inc.; Gray, Maine

CONTRACTOR: R.J. Grondin & Sons Inc.; Gorham, Maine

INSTALLATION: June–October 2010

COST: \$4 million



Story adapted from *Public Works* magazine, August 2011, and reprinted with permission. Original story by Steve Cooper. To read the full feature in *Public Works*, see publicworks.com.

2011 Sensus User Conference

November 6–10 | Nashville Renaissance Hotel, Nashville, TN

The 2011 Sensus User Conference will be held November 6–10 in Nashville (Music City), TN. This year's conference will combine water, gas, and electric utility users into one concentrated event. Our annual conference gives Sensus customers and distributors the opportunity to share best practices, attend in-depth training sessions, and network over the course of the conference.

Sensus has structured the conference to give all attendees an optimum learning experience and has tiered pricing for the event based on the number of days of attendance.

This year's conference will highlight new products and solutions from Sensus, and provide an opportunity to see solutions and demonstrations from Sensus and its partners. From our industry-leading FlexNet AMI system and AquaSense Intelligent Water Management to Sensus Lighting Control – and all technologies in between – there will be something for everyone at this event. So don't miss out.

More information and registration at:
sensusevents.com

CUSTOMER SESSIONS SCHEDULED

Walk-By/Drive-By Software Solutions: AutoRead/AutoVu
Reading Technology Programming
Maximizing FlexNet Data
FlexNet Customer Testimonies
Operating RadioRead and FlexNet Technologies
FlexNet 101
FlexNet Migratable Two Way Solutions
Remote Gas Shutoff
Gas Metrology 101
Basic PowerVista
Advanced PowerVista
RTM II Integration
PowerVista Visualization
DA on FlexNet



LET'S GET THE LEAD OUT!

The Reduction of Lead in Drinking Water Act was signed into law by the President of the United States on January 4, 2011. The new law takes



effect on January 4, 2014. This new law is having a profound impact on the use of waterworks brass in the drinking water industry.

This amendment to the Clean Drinking Water Act will reduce the allowable lead content in any brass products that touch the wetted surfaces in potable drinking water systems. The reduction in lead content is very dramatic, from levels as high as 8 percent down to 0.25 percent.

E.J. Prescott, a leading supplier of waterworks brass products, stands

ready to help you put a plan in place to go lead free well in advance of the 2014 deadline.

Company leadership has established an April 2, 2012, deadline for its compliance with this new law.

Solid planning will help ensure a smooth transition!

1-800-EJP-24HR (1-800-357-2447)



Team EJP Moves to Blasdell, NY

E.J. Prescott Inc. is energized to announce our relocation of the Pembroke, NY, Division.

On September 1, 2011, the doors opened on our fresh new facility located at 200 Lake Avenue in Blasdell, NY.

We are proud to present our customers and vendors alike with a facility that represents the standard of service excellence that Team EJP has represented since 1955.

The newly remodeled and paved facility showcases a superior, well thought-out footprint of over 3 acres. Combining the over 26,000 sq. ft. outside storage yard and two buildings in excess of 15,000 sq. ft., the facility boasts multi-level warehouse space positions. Team EJP Blasdell not only stockpiles the inventory to supply its customers' immediate needs, but also allows room for growth as markets develop and vendor product offerings expand.

Adjacent to our well-organized showroom, our nearly 1,000 sq. ft. training room is a welcome additional benefit to Team EJP and western New York. This comfortable setting allows us to facilitate the expansion we long desired to grow our educational seminar and OSHA training offerings not only to municipalities, engineers and contractors but our Team EJP vendors and staff as well.

Located just 2 miles from Exit 56 off Interstate 90 and only 7 miles south of the city of Buffalo, this division repositioning not only puts Team EJP

in the epicenter of western New York, it gives our customers the prompt and immediate service level they have grown to expect and enjoy from Team EJP. Our same-day delivery and our 24 hour emergency services will now be centralized to enhance response times.

**E.J. Prescott Inc.
Blasdell Division**
200 Lake Avenue
Blasdell, New York 14219
(P) 716-822-1544
(F) 716-825-0940



Great Service in New York!

My name is Greg Post, and I live in Batavia, NY. My wife, son, and I own a site contracting and water and sewer construction company, and I also serve as the Town of Batavia Supervisor.

I had the great pleasure to meet some new faces at the Pembroke [now Blasdell], NY, EJP store last week, and I thought that you should know how well I was served by Molly Gibler, Ian, and the rest of the team. Your organization was extraordinarily well represented and provided a friendly and professional resolution to the problems I needed help with.

The immediate attention I received regarding parts for a Sensus meter—while in the midst of moving the whole store—as well as my numerous phone calls being answered politely on the first or second ring left me feeling as if I was the highest priority. I'm a stickler for great service regardless of whether we are providing it or requesting it.

And whatever your firm's model is, it seems to me that this particular episode demonstrated great leadership and teamwork in action. Molly and her crew earned my respect. As an employer in both the public and private sectors for the past generation, I thought it important to share with you how impressed I was.

Thank you again and say hi to Molly and Ian.

Greg



Pressure Dosing System

Team EJP of Springfield, MA, has partnered with F. A. Moschetti & Sons to design a new pressure dosing system, supply the components, and assist with installation for Natty Brook Condos in Hubbardston, MA.

Team EJP representative Frank Veino, working with Mark Moschetti and his crew, created this manifold system using approximately 1600 feet of 1-1/2 inch sch 40 pipe. The system was set up on stands and covered by 396 Quick4 standard infiltrator units that had previously been installed by F. A. Moschetti & Sons.



Team EJP Helps Out Eagle Scout Candidate

Austin Kozicki is a 16-year-old Life Scout with Willington, CT, Troop 82 of the Boy Scouts of America. To become an Eagle Scout, the scout must identify, propose, and manage a service project for a local non-profit organization.

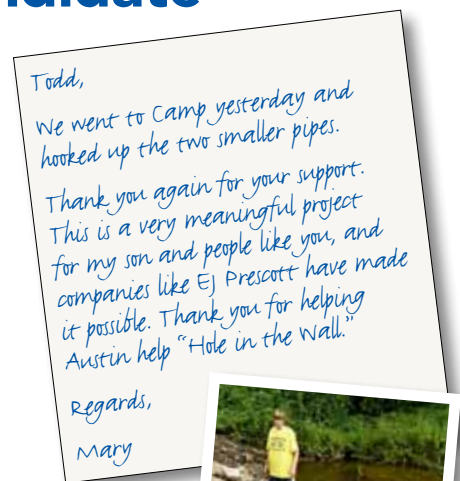
Austin chose the Hole in the Wall Gang Camp in Ashford, CT, founded by Paul Newman for children with chronic, life-threatening medical conditions so they can enjoy a summer camp experience; the camp has first-rate medical care on-site. Austin knows firsthand what a gift this is—he has been a camper for the past 3 years. The scout must seek donations or raise funds to purchase the necessary materials. Austin's project, a horse path through the woods, required thousands of dollars in materials, and he has been diligently fund-raising, approaching many companies.

E.J. Prescott in Vernon, CT, was one of the companies, and their response was amazing. Todd Hollenbach, Division Manager at E.J. Prescott, visited the camp to determine the required materials for drainage issues; E.J. Prescott then donated them. Austin would like to express his sincere thanks to Mr. Hollenbach and E.J. Prescott for their support.

This type of assistance allows Eagle Scout service projects to benefit places like Hole in the Wall Gang Camp and the children they serve, who leave immeasurably enriched.

Sincerely, Mary Kozicki

Austin Kozicki is a 16-year-old Life Scout with Willington's Troop 82 of the Boy Scouts of America.



UNITED WAY AND TEAM EJP WORK TOGETHER

Team EJP held the Great Maine Cookout & Car Show benefiting the United Way of Kennebec Valley. This event served as a fundraiser to help kick off the 2011 Fall Campaign. The PEP Classic Car Team polished and prepared all of the cars in Peter and

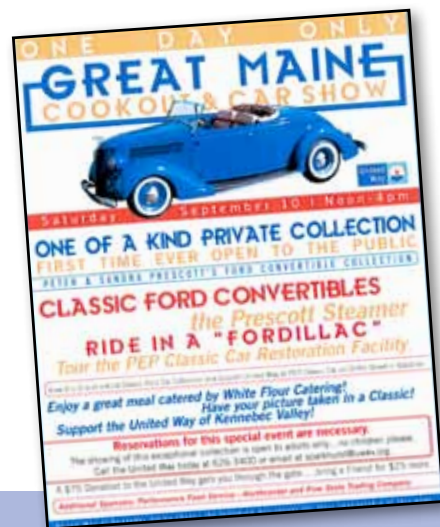
Sandra's collection, and positioned them all to provide optimal viewing. Team EJP is proud to partner with United Way, a community effort to improve the lives of local people. This event alone raised over \$77,000. Team EJP will continue assistance with Day of Caring, a program now in 10 local schools.

Sandra, and Team EJP have provided to United Way, in particular the leadership of the Leadership Circle."



UNITED WAY TEAM

Peter and Sandra have led the Leadership Circle efforts this year. Their hard work was noted by Richard Parkhurst, 2011 Campaign Co-Chair. "We appreciate the partnership Peter,



T.E.A.M Health Wellness Warriors

It has been seven months since we implemented T.E.A.M Health, our new, comprehensive wellness program at EJP. We recently recognized eight employees as our first group of "Wellness Warriors."

You may wonder what makes someone a "Wellness Warrior"? A Wellness Warrior is one who has been recognized as a leader in taking charge of his or her own health habits or helps others change theirs.

CONGRATULATIONS TO OUR WELLNESS WARRIORS!

Leslie Dyer, PEP Transportation

Denise Raymond, Red Hed, Lincoln, RI

Joe Poplawski, Home Office

Mark DiPalazzo, Pittsfield, MA

Calvin Hummel, Lafayette, IN

Doug Brown, Gardiner, ME

William Terry, Gardiner, ME

Tim Brown, Fort Wayne, IN



Over a year ago I was extremely overweight, I had diabetes, high blood pressure, and sleep apnea, and I was on medications for everything. In short, I was a mess. A little over a year later, I have lost 85 lbs., my diabetes is gone, and I have no more high blood pressure or sleep apnea. The best part is I am not on any medication at all. —Leslie Dyer



Increasing my physical activity is a daily focus. Sometimes it is taking the steps instead of the elevator or parking on the other side of the parking lot. My wife and I have been ballroom dancing for the past eight years, but now I am noticing more strength in my legs and an increase in stamina. I want to thank this company for giving us this opportunity. —Tim Brown

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DAKOTA MEYER
MEDAL OF HONOR PROFILE

United States Marine Corps Sergeant **Dakota Meyer** was awarded the **Medal of Honor** on Sept. 15, 2011.

From his Medal of Honor citation: “When the forward element of his combat team began to be hit by intense fire from roughly 50 Taliban insurgents dug-in and concealed on the slopes above Ganjgal village, Corporal Meyer mounted a gun-truck, enlisted a fellow Marine to drive, and raced to attack the ambushers and aid the trapped Marines and Afghan soldiers. During a six hour fire fight, Corporal Meyer single-handedly turned the tide of the battle, saved

36 Marines and soldiers and recovered the bodies of his fallen brothers. Four separate times he fought the kilometer up into the heart of a deadly U-shaped ambush. During the fight he killed at least eight Taliban, personally evacuated 12 friendly wounded, and provided cover for another 24 Marines and soldiers to escape likely death at the hands of a numerically superior and determined foe.”

Thank you, Sgt. Meyer, for your bravery, your selfless devotion to your fellow soldiers, and your service to your country. You are an inspiration to all of us.