

SCE

TIMES

Q³
2015

Waste is a Terrible Thing To Mind ...

SCE Environmental Group, Inc.

Jersey City, NJ

Uniondale, NY

Washington, PA

Lake Ariel, PA

Nicholson, PA

The Carroll Town Landfill midway through remediation. A high water table, jeopardized by the old landfill, shows signs of repair and improvement.

ENR 2015 BEST PROJECTS

Engineering News-Record

SCE was recently advised that it has won a Safety Award in the Engineering News-Record Best Projects Contest for 2015. ENR Magazine is a nationally acclaimed leading publication in the construction industry. The ENR Best Projects contest is an annual juried competition featuring entries from across the country and across the construction industry. SCE's award winning effort involved one of the company's largest projects in 2015, the complete demolition of a former manufacturing plant on prime commercial real estate to prepare the land for future development.

The Interstate Distribution Centers site in Jenkins Township, Luzerne County, Pennsylvania, offers immediate

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Only stockpiles remain where former factory stood.

Teamwork and Technology

Carroll Project On Budget and Schedule.

Work continues at the Carroll Town landfill capping project in Western New York. In May, SCE crews began work under a contract with the NY Department of Environmental Conservation for the remediation of the Superfund Site. The project is proceeding on budget and on schedule and has now been expanded by significant change orders calling for the remediation of a larger area and more waste.

The landfill operated as a municipal solid waste and industrial waste landfill from the early 1960s to 1979. The contract, valued at \$2.5MM before the recent change orders, calls for the excavation of soil and waste, consolidation of two waste cells into one, dewatering, installation of a soil cover over the consolidated waste mass, and site restoration. Capping of the western portion of the landfill is nearly complete.

Technology plays a significant role in the operation. Excavators and earth moving equipment are directed by GPS navigation. In addition, monitors placed along the perimeter of the site constantly measure air quality, weather conditions and wind direction and speed. Information is transmitted instantly from the monitors to the site office. If any air quality, weather, or wind parameter is exceeded, the operation is suspended.

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proximity to the Pennsylvania Turnpike (I-476) as well as direct access to Interstates 81, 84, 80 and 380. The owner/developer acquired the property in late 2012 and immediately commenced the land development process to obtain full entitlements to raze the 954,000 SF former manufacturing building and redevelop the site.

Here's an excerpt from SCE's winning project submission: "From project inception, safety played a key role.



SCE Renews WorkCare Contract

Incident Intervention Program Plays Key Role.

Continuing its commitment to employee health and safety, SCE has continued its multi-year affiliation with the WorkCare Incident Intervention program. WorkCare is a nationally-acclaimed organization specializing in the health of our industry's employees.

On-call 24-7-365, WorkCare stands ready to assist employees injured on the job with a variety of services including first aid for manageable injuries, as well as the inception and follow-up of more extensive treatment and rehab programs.

Immediately after an injury occurs, Work Care doctors, nurses and agents get involved in short term treatment and long term injury management. As a result, employees' injuries are better treated and their path back to work is shortened.

The company operates on the simple philosophy that all injuries are more effectively handled if properly managed in the first "golden hour" after injury. WorkCare enjoys an excellent reputation for positive results and we are happy to offer this extra level of protection to our employees.

Every employee received site specific training including orientation, hazardous material awareness, and safety policies and procedures. In addition, as dictated by tasks, crews were trained in many areas including hazardous communication, aerial lift, and hot work. All SCE crew members on site were certified not only in OSHA 40, but also the LPS behavior-based safety system. LPS procedures including loss prevention observations, near loss incidents, and incident investigation were fully incorporated into the project. Throughout the project duration, a site safety officer constantly monitored crew activities and site conditions to make sure safety remained at the forefront. As a result, after more than 35,000 crew hours, the project had zero OSHA recordable incidents."

Teamwork and Technology

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"We are running a tight operation here and our team is producing remarkable results," says Project Superintendent Bill Stankevitch.

Back at the home office, Project Manager Assistant John Lawrence coordinates the administrative support for the project. "It's a big demanding project," Lawrence observed, "and it is really rewarding to see such a great collaboration of our team with the DEC to clean up a decades-old environmental challenge."



A remote monitor captures real-time data on weather and gaseous fumes.



Project Superintendent, Bill Stankevitch, Chief Compliance Officer, Bruce Morgan, Special Projects Manager, Nate Butler, and Company President, Jody Cordaro, check progress at Carroll Town Landfill.

GPS Impacts Fleet Safety. *Drivers slow down.*

The technology was inconceivable only a few years ago. GPS devices installed on the SCE fleet provide real-time data on the condition of each vehicle, its precise location, and its movement. The benefits are numerous: employees and resources are easily located for more efficient and reactive dispatching; equipment is better protected from theft or unauthorized use; and driving habits like speeding or diverting off route are more effectively managed. Particularly in the area of driving habits and speeding violations, the results are measurable and dramatic.

When SCE implemented a Traffic Committee late in 2014 to monitor speeding violations, the initial reports from the GPS system were enlightening and sobering. For the first time, management could see the significant

risk that had thus far eluded detection.

Over months of enforcement, however, the reports generated by the system are far more encouraging. “Speeding violations are down almost 80%” notes Chief Compliance Officer, Bruce Morgan. “And the violations we do see are not egregious - the turnaround has been dramatic.” Morgan admits that the program was not well received initially. After a few months, however, the results speak for themselves. “With an ever-present monitoring system,” says Morgan, “our fleet operates more efficiently, more securely, and most importantly, more safely.”

**This Vehicle's Speed Is
Monitored by GPS**

*Ironically, driving at posted limits generates road rage.
Bumper Stickers keep the motoring public calm.*

Did You Know? SCE participated in the initial response to the attack on the World Trade Center on September 11, 2001. SCE crews performed decontamination services for emergency responders. In addition, SCE was part of a team that remediated the Hart Senate Building after it was attacked with Anthrax.

SCE Invests in Estimating Technology

B2W Software drives bidding effort.

To support its long term growth strategy, SCE has made a substantial investment in Information Technology including B2W (formerly Bid 2 Win) Estimating software. With powerful features designed to manage the entire estimating and bidding process, B2W allows the SCE Estimating team to leverage their time, efforts, and resources to produce not only a larger quantity of bids, but also bids of greater accuracy and competitiveness. “At the end of the day,” notes Senior Estimator Jack Spear, “we live and die on the quality of our bids. Be too conserva-

tive and aggressive competitors grab the opportunities. Be too aggressive, and you win bids with poor margins that threaten the long term health of your organization.” As Spear notes, “B2W allows us to hit that sweet spot that our future success requires using historical data and a powerful system.”



Bid preparation, however, is only a part of this powerful software's features. Providing critical feedback to close the information loop, B2W allows SCE to compare estimated costs in bids to costs reported from the job sites. This real time feedback provides better understanding

and control of real costs every day, not weeks or months later. It additionally allows the estimating team to fine tune future bids to reflect the experiences measured in the past.



Port Authority Contracts Pay Dividends.

Multiple Contracts Remain Active.



SCE recently completed its first work order pursuant to a multi-year contract valued at \$5 Million for Asbestos and Lead Abatement at several marine terminals operated by the Port Authority of New York and New Jersey. The first Work Order, completed in early September, called for the removal of concrete encased asbestos conduit, transite pipe, tar, mastic, and black pipe material located at the Authority's Port Jersey South facility in Bayonne, New Jersey.



The PANYNJ builds, operates, and maintains critical transportation and trade assets in the New Jersey and New York Metropolitan Area. Its network of aviation, rail, surface transportation and seaport facilities annually moves millions of people and transports vital cargo. In addition, the Authority owns and manages the World Trade Center site in lower Manhattan.



The Marine Terminal contract is one of three long term contracts the company enjoys with the Port Authority. A similar multi-year on-call contract for Asbestos, Lead and Universal Waste Abatement at the World Trade Center has produced a number of work orders. In addition, SCE is the Prime Contractor on a multi-year contract for the operation and maintenance of the bulk fuel farm and satellite fuel farm at the John F. Kennedy Airport in New York. This \$3MM multi-year contract provides remediation services for jet fuel release at both fuel farms as well as maintenance of pumping equipment at the site.

Yellow Brick Road - The Holden Flynn Foundation.

"Tin Man" inspires SCE Participation.

SCE is supporting the efforts of Yellow Brick Road - the Holden Flynn Foundation. Holden Flynn was a courageous little boy born with congenital heart defects (CHDs) that earned him the affectionate nickname "Tin Man" because he needed a new heart. Although Holden lost his battle, his legacy lives through the Foundation that bears his name. The mission of the Holden Flynn Foundation is to commit its resources and efforts to increase the exposure and awareness of CHDs, the world's most common and deadly birth defect, while providing assistance and support to families of hospitalized children with CHDs. The Foundation uses various events and media to raise public awareness of CHDs, provides financial assistance to families and children suffering from CHDs, and purchases customized wagons and other forms of transport for children confined to the hospital and/or any other medical facilities. If you would like to join SCE in supporting this great foundation, visit their website at www.ybrf.org.



Graphics Make Statement. Vehicle Wrap Catches Public Eye.



Coming to a jobsite near you is SCE's new asbestos response unit recently adorned with eye-catching graphics that highlight some of our finest representatives. Featured on the 8' x 16' traveling billboard are seasoned employees Mariah Wheeler (her first time in a hard hat!), Bill Quinn, Joseph Decker (recently retired), Jose Cruz, and Michael Dahlgren. Under the respirator is the Asbestos Team's leader and Asbestos Supervisor Lenin Velez.

The truck is equipped to serve as base station for asbestos, lead and mold abatement projects and most recently was dispatched to a large scale asbestos and lead abatement project at the former

North Scranton Junior High School in Scranton, Pennsylvania.



Grabbing a larger-than-life appearance on the unit is our most senior employee, Mariah Wheeler, Project Manager Assistant. Mariah has been a rock-steady fixture on the SCE scene for more than a decade. Her knowledge of job management, purchasing, and permitting is an invaluable resource to the company. "She's contributed so much to this company," notes company President, Jody Cordaro. "I simply cannot imagine our company without her true dedication, colorful personality and 'can do' attitude."



Mariah Wheeler

SCE Completes Sulfate Well Injection. 4,000 Gallon Vac Truck Plays Key Role.

In Denville, NJ, SCE completed a soil remediation project utilizing Sulfate Well Injection. Sulfate injection is a particularly efficient form of anaerobic bioremediation suitable for the treatment of soils contaminated by a variety of hydrocarbons including gasoline, gas condensate, alkanes and diesel fuel. The science of anaerobic bioremediation is complex. In anaerobic conditions, microorganisms will ultimately metabolize organic contaminants to methane, limited amounts of carbon dioxide, and trace amounts of hydrogen gas. Injection wells are drilled into the contaminated area and water mixed with sulfate is injected into the wells. The sulfates then pro-

vide a catalyst for the chemical reactions that allow for the microbial remediation of the soil.

SCE's 4,000 gallon Vac Truck mixed the water/sulfate solution and injected it into the wells at 20 PSI over a period of two weeks. Operators worked closely with remediation engineers to control the quality and specifications of the sulfate solution and to monitor the rate and pressure of the injection. Project Manager, Bob Lintott, manages such systems routinely. "So much of the work we do is a combination of the traditional tough work of earth moving and the implementation of cutting edge science," notes Lintott. "Every day, on every job, we expand our knowledge, improve our techniques, and stay current on the latest technology. If we don't, we lose our competitive advantage."

SCE Awarded Contract At Denver Federal Center.

Multi-Million Dollar Remediation is First Venture in Colorado.

SCE recently was awarded a multi-million dollar subcontract for site restoration work at the Denver Federal Center (DFC), a federal office park complete with laboratory, storage and office space.

The DFC is operated by the U.S. General Services Administration (GSA) and houses more than 28 different government agencies. During World War II, the DFC was the site of the Denver Ordnance Plant, a munitions manufacturing plant for the war effort. Due to the variety of prior activities on the campus and its long history, the Colorado Department of Public Health and Environment and GSA formally agreed to investigate whether these prior activities had any detrimental or lasting impact on the environment and remediate impacts as needed.

During the 1940's an Industrial Waste Treatment Plant servicing the Ordnance Plant utilized the on-site Downing Reservoir for the final sedimentation of treated waste.



Recently, GSA awarded the Downing Reservoir Project Prime Contract for the remediation and reconstruction of the reservoir. Excavation of the area is expected to start in the fourth quarter of 2015 and it is scheduled to be complete in June 2016. Immediately following the excavation, SCE will re-establish the reservoir. Work is expected to continue into 2017.

SCE's role in the project includes the restoration of the reservoir with tasks including placement and compaction of backfill, granular bedding and drain gravel, ballast material and structural fill, and the installation of permanent maintenance and access roads, Rip Rap outfall channels, and a collector pipe system. SCE will also install bollards, place and grade topsoil and establish a vegetative layer.

The project represents SCE's first venture into the state of Colorado. "We have enjoyed a longstanding relationship with this client and we look forward to our newest undertaking with them," comments Kevin Gawason, Director of Client Services. He notes, "This western expansion of our service territory is part of an overall strategy at SCE to identify nationwide opportunities that compliment our skill set for long-standing clients."

SCE recently completed an asbestos abatement project for the same client in Wisconsin.



Projects Across Country Feed Healthy Q3

A busy season continues thru September.

In Richardson, Texas, SCE recently completed the removal, excavation and remediation of a concrete floor and contaminated soil in a building formerly used as a dry cleaning facility. Crews first installed polyethylene sheeting on the walls shared by adjoining tenants as a barrier to fumes and odors. Concrete floors were removed and over 200 tons of contaminated soil was excavated from the exposed area. As excavation proceeded, existing utilities were uncovered and appropriately supported. Excavated soil was stockpiled into two areas: one area for soils recovered from the hot spots which required “land-ban” incineration treatment; and the other stockpile for soils that were appropriate for disposal at the designated landfill. After remediation, the crew backfilled and reinstalled a new reinforced concrete floor and demobilized.



In Blue Ash, Ohio, SCE was retained by a major consultant to perform asbestos abatement at a former furniture warehouse. The work consisted of the removal and disposal of 44,130 sf of non-friable roofing material, black roof caulking and gray window caulk. A 10 foot wide perimeter around the building was covered with 6 mil polyethylene sheeting as panels were lowered to the ground. Wrapped in poly sheeting and taped, the panels were then placed into containers and transported to an asbestos-licensed landfill.

Scissor lifts gave access to the roofing panels and high points of the siding. As with all aerial lift operations at SCE, crew members received full training in aerial lift safety and all were fitted with fall protection devices. In addition, SCE removed and disposed 1,750 sf of double layer floor tile. Full containment with negative air pressure was constructed in the work area to remove the tile.



We Heard You.

A Welcome Endorsement.

SCE is currently in the second year of a multi-year On Call contract for the abatement of asbestos, lead and universal waste at the World Trade Center in New York City. The work is challenging. The coordination of work and equipment movements requires pin-point timing and exceptional planning.

In July, the Port Authority requested emergency response for the removal of asbestos from the busy PATH train system. Without a quick resolution of the asbestos abatement, progress on other ongoing projects would come to a standstill. SCE's team pulled together the crew and equipment, satisfied regulatory requirements, and developed and executed a successful plan of action. The other projects proceeded without delay. In that context, we

were most appreciative of this endorsement:

I want to thank you and your organization for the prompt and appropriate action taken in addressing this emergency issue. ... [E]xpediting these removals were critical in order to maintain progress in this area of the site. In business it may not be wise to give too much praise, but I must give credit where it is due. This site can be extremely difficult to maneuver in. Frank Tamargo [the Site Supervisor] is very competent and he and the crew he utilized including Matt Mrozinski shared our sense of urgency in addressing this work and were able to complete it without issue.

Thanks again,

A.F.

**Port Authority of New York and New Jersey
World Trade Center**



Last Thoughts ... A Letter From The President

“We won.” Two words that mean so much. In an era where winning is downplayed and “participants” get trophies, we’ve forgotten what it means, and takes, to win.

In my football days long, long ago, winning was the culmination of grueling double workouts on brutal hot August days. Endless drills learning the right techniques until they became second nature. Winning was the confirmation that we had combined our individual talents and our commitment as a team to be the best.

At SCE, we try to follow that same formula. We combine skillful work techniques and individual talents with extraordinary team commitment and the results are repeatable and quite remarkable. In the past, we’ve been honored to receive the Pennsylvania Governor’s Award for Safety Excellence, a Bronze Medal for Excellence in Remediation by the Environmental Business Journal, and a USEPA Region III Environmental Excellence Award for Brownfield Projects. To that humbling list, we now add a Safety Award from ENR Magazine.

SCE faced stiff competition from an industry of companies I truly admire, and projects that simply amaze me. I cannot conceive of an award I could be more proud of than one that recognizes SCE “got it right” among an elite group of peers on the most important goal that I have set for our company: that all of our workers return home to their families safe and sound.

This November, I will accept that award on behalf of over one hundred and seventy people who ‘get it right’. People who every day, on every project, live, eat and breathe safety. For me, that is the true reward. That is the true victory.

To all of my teammates here at SCE, I am honored to tell you that in a national contest against the finest companies in the country, we won. And I couldn’t be more proud.

Jody Cordaro, President



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