

Waste is a Terrible Thing To Mind ...

SCE Environmental Group, Inc.

Jersey City, NJ

Uniondale, NY

Smithton, PA

Lake Ariel, PA

Fairmont, WV

Vapor Extraction System Installation ... See page 4.

Surf's Up.

SCE Returns to Bahamas Mega-Resort.

In the first quarter of 2019, at the Baha Mar Resort, New Providence, Bahamas, SCE crews mobilized under a contract to install and initiate a ground water treatment system at a former laundry facility located on a portion of the mega-resort's property. This system includes fifteen Air Sparge wells and four LNAPL recovery trenches with draw down submersible pumps and skimmer pumps recovering the LNAPL on the surface of the LNAPL layer. There is also one infiltration trench with an aerator.

Recovery pumps draw down the water table to provide a flow of product to the skimmer pumps.



The Baha Mar Resort and the Caribbean in the background of a ground water treatment system installed by SCE.

Water from the drawdown pumps is pumped to the infiltration trench for aeration and then to an Oil Water Separator. The flow under the oil is also pumped from the Oil Water Separator to the infiltration trench. LNAPL is skimmed and collected in tanks for disposal off site.

There are fifteen Air Sparge wells approximately twenty feet deep. Air is pumped into the soils near the recovery trenches for reduction of product and preparation of the LNAPL for recovery.

This is the second system SCE installed at the Mega Resort. Several years ago, prior to construction, SCE was retained to remediate a portion of a 500,000 gallon fuel oil release that impacted the site that would be the future home of the resort. As part of the remediation effort, SCE crews constructed large scale LLDPE & HDPE cells for storage and ex-situ treatment, and installed 8,370 LF of piping for the installation of an ozone / peroxide injection system. The spill was the largest environmental accident in Bahamian history.

Safety First.

An Injury-Free 2018 Punctuates Safety Culture.

In an industry where catastrophic injury is only one careless step away, safety can't just be a nebulous goal, it must be a real effort with a measurable result - a result to be carefully monitored not just over the short term but instead over years of performance.

The universally accepted measurement of a firm's safety record is the Experience Modification Rating (EMR). It is a measurement used by the insurance industry to credit or penalize a company's specific safety history. An "average" company pays 100% of its insurance premium and scores an EMR of 1.00. Exceed 1.00 and you are penalized. Fall below 1.00 and you are credited for your safety record.

Recently, SCE was advised that its five year averaged EMR is .8522 - an impressive score that attests to the safety culture that has long permeated the company. The accomplishment is of much greater significance than simply a cost savings. An EMR that has remained below 1.0 year after year signifies a company's long term dedication to the safety and welfare of its employees. An averaged rate as low as SCE's comes only with a continued commitment to safe work practices, a safe work environment, and extensive safety training.

Emphasizing the company's commitment to safety are mandatory training programs featuring behavior-based safety management, OSHA training and refresher courses, task-specific competency training, and CPR and First Aid training. Refresher courses are done with more frequency than required by safety regulations. Safety stand-downs and company town hall meetings provide a forum for the latest in training and equipment. Mandatory tailgate morning meetings on every project, along

with "2-minutes at 2" and "5-minutes at 5" jobsite meetings drive home the safety culture throughout the year.

Nor is training the only commitment. All SCE employees are empowered by a Stop Work Policy that allows them to cease work if they perceive a safety risk. Only after the safety risk has been corrected does work continue. Similarly, all SCE employees are encouraged to advise their supervisor, without fear of repercussion, of any personal condition that renders them temporarily unable to perform a task.

Among the stated values at SCE is safety. The value is stated as such: "We believe that safety awareness, safe behavior, and accident prevention are conditions of em-



ployment. We accept no excuses." With a culture of safety that flows throughout senior management, field supervision, and boots-on-the-ground staff, this 2019 confirmation of an EMR below 1.00 is concrete proof that these years of consistent effort are having positive results not only in abstract measurements, but in the health and safety of our valued employees, our business partners, and the general public.

Safety Committee Installed.

Team of Corporate and Field Personnel Lead 2019 Effort.



Department of Labor & Industry



As the new year begins, SCE is pleased to announce the latest installation of the company's Safety Committee. With a mix of field personnel and office staff, the Committee is part of an ongoing effort to protect our team, preserve the company's stellar safety record and push safety compliance to even higher excellence. Michael Dahlgren, a seasoned Project Supervisor with years of experience with SCE, serves as the Committee Chair. Joining Dahlgren are Gene Talerico, Brittani Olker, Candace Bell, Brian Cenoski, and Bruce Morgan from the corporate office, along with John Bistran, Jason Perry, and Brett Langendoerfer from field operations. All members have undergone training as required by the Commonwealth of Pennsylvania in safety committee operation.

The Committee meets no less than monthly and is designed to keep information flowing between the field and home office. With focus on field observations and the full investigation of losses and near losses, the team will analyze policies and procedures that affect safety and make changes to those practices to improve overall safety.

SCE has long been committed to the Loss Prevention System (LPS) safety program and its use of behavior-based safety management. Those concepts play heavily on the agenda of the Committee. Recognizing the value of identifying near losses and sharing lessons learned with everyone in the company, team members are tasked with engaging all personnel to be constantly vigilant of near losses and to approach each and every task with the simple question: "what is the worst that can happen?"

To be effective, the Committee needs input from all employees. The current team was selected to provide every employee easy access to a team member. "We encourage all of our employees and clients to reach out to a Safety Committee member with an observation or suggestion," notes General Counsel, Gene Talerico.

Do you have a suggestion or comment for the Safety Committee? Email your insight to GTalerico@scenv.com. Suggestions are considered confidential and your candor is welcome.

Extraction Systems.

First Quarter Busy with System Installs.

In addition to a ground water remediation system installed in the Bahamas, other SCE crews were installing similar extraction systems in the New York Metro area during the first quarter.



At a former Mobil Station on Staten Island, SCE crews were called upon to remove an existing air sparge system and to replace it with an upgraded system. Work called for the removal of 16 existing lines and replacement with ten larger lines, the repair and upgrade of seven monitor wells on the system, the construction of an air sparge manifold, and the installation of all necessary piping, valves, instrumentation, and controls to provide for an integrated and operational system. During the effort, over 130 feet of trenching was dug by hand to prevent damage to existing equipment.



At a former BP Station in the Bronx, SCE crews installed a CatOx unit to an existing air sparge system. The scope of work included the transport of the CatOx unit, the installation of a concrete pad and footers, the connection of all system piping from 14 air sparge legs, and 13 SVE legs, the extension of the CatOx stack to a height of 30 feet, and the installation of guy wires securing the CatOx stack.

At another BP station, located in Woodside, NY,



SCE was called upon to perform a similar CatOx installation. In addition to the same scope of work as at the Bronx project, the Woodside project also called for the installation of a chain link fence around the concrete pad supporting the CatOx unit, and the installation of eleven 6" bollards around the fence. On this project, the CatOx unit was connected to 10 air sparge legs and 8 SVE legs.

At the close of the first quarter, SCE crews mobilized for a fourth project, located in Brooklyn, NY. This remediation required two excavations to a depth of 16' BGS to remove petroleum impacted soil. Due to a high water table, significant effort went into dewatering activities but no off-site water disposal was required. Due to proximity of existing structures, a slide rail system stabilized portions of the dig.

Coatesville Properties Remediated.

Subsurface "Anomalies" discovered to be USTs.

In Coatesville, PA, SCE was retained to remediate a group of four properties that included a former dry cleaning facility and other commercial operations. A Phase II Environmental Site Assessment found impacted soil beneath the dry cleaning operation and a total of six subsurface anomalies believed to be underground storage tanks.

Because of the location of the properties in a populated residential area, significant restrictions were in place to contain noise levels, construction activities and traffic control. In addition, SCE constructed a decontamination pad for the washing of trucks leaving the property to assure that dirt and debris would not be deposited on public roads near the project.

SCE crews conducted extensive exploratory excavations at the locations suspected of holding underground storage tanks. As suspected, each anomaly represented a tank and SCE crews removed each one. In addition, the footprint of the former dry cleaning operation was excavated until all contaminated soils had been removed and properly disposed. Clean fill restored the grade of the property.



SCE Renews WorkCare Partnership.

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.



On the Sound.

Multi-Year Project Nears Completion.

Progress continues at City Island in New York City, where SCE serves as General Contractor to a major upscale housing project. Known by the name “On the Sound”, the project was featured in the New York Times as “the first large-scale residential development in about 15 years for City Island, a place that is reminiscent of a fishing village in New England and as such an anomaly within the borders of New York City.”

The project features 21 two-family dwellings, a single one-family home, a clubhouse, various amenities and a public esplanade that runs along the water’s edge. Demolition and site preparation at this multi-phase townhouse community proved to be a challenge as SCE dealt with the remains of six massive barges abandoned on the island long ago. The barges, in varying degrees of decay and accessibility, had to be removed to properly prepare the site for the luxury townhomes to be constructed at the location. In some cases, the barges had remained partially submerged in the Long Island Sound. In other cases, barges had been grounded, buried, and backfilled with debris. Removing these obstacles served as an important remediation to the ecology, environment, and aesthetics of the site.

Once the barges were removed and the land remediated, site preparation for pile driving and foundations began. Next came construction of townhouses and various amenities. By the end of 2018, the project was nearly 90% complete and is expected to be fully completed by mid-2019.



Remnants of abandoned barges on the site of the future “On the Sound”.

SCE's 2019 Townhall.

A Day of Training, Reflection, and Motivation.

On January 11, 2019, SCE gathered all employees for its annual Company Townhall. Standing down operations at all jobsites, the company gathered field and office personnel for a day of training and awards presentations. Speakers covered diverse topics including the numerous state and federal safety standards applicable to SCE operations, OSHA required written plans, the labeling requirements of the GHS system, respiratory protection, and numerous others. Pennsylvania One Call's representative reminded all of the duty to call before digging and a representative of Paychex updated personnel on our new Employee Handbook and Harassment Reporting. A team from SCE's insurance agency, Graham Company of Philadelphia, shared timely information on the risks associated with our industry and the most effective methods for minimizing those risks.

In addition, stations located throughout the facility allowed employees to refresh their PPE, replace fuel credit cards, and even select a new pair of work boots to meet the most stringent safety standards. With a truck full of boots of all sizes and styles on site, each crew member left the event with new boots in hand. An entertaining and effective team building exercise had a dozen teams competing to build the tallest water tower possible from a box of spaghetti and a roll of tape.



At the end of the full day, new company President Mike Wanta shared his visions for the future and our plan for the upcoming year, and Chief Executive Officer Jody Cordaro highlighted the charitable efforts of the company and our team throughout the year.



To end the day, awards were presented to the company's outstanding employees. This year's recipients included: Lenny Velez and Alicia Valenti (Excellence Awards); Jason Perry (Safety Excellence Award); John Bistran (SCE Core Award); Riccardo Quintilliano (Dressed for Success); Bill Quinn (Shining Star); Lauren Tomaino (Loyalty Award); Marcelo Vommaro (Most Improved); Tyler Taninies (Rookie of the Year); Brett Langendoerfer (Driven for Success Award); Rodrigo Palomares (Employee of the Year); and Michael Dahlgren (Manager of the Year).

Last Thoughts ...



It's funny where you can find inspiration. I came across a short story the other day that really has a profound message for our team at SCE. I'll share it here.

While on a tour of Africa, a man happened upon a camp where captive elephants were held. The elephants were not kept in massive cages, nor shackled with iron chains. Each elephant was kept in the camp by a simple somewhat flimsy rope tethered from a post to the elephant's leg. The ropes were no match for the strength of the beasts and would easily have snapped had the elephants attempted escape. But the elephants never tried.

Curious, the man asked a trainer to explain. The trainer responded that these elephants had been born in captivity and had been tied in this manner since they were small - at a time when they lacked the strength to break the bonds. They had been conditioned that the rope was too strong and they just stopped trying.

The first quarter of 2019 is a fresh start for SCE and its new management team. Our new president, Michael Wanta, has settled in, and I too have embraced my new focus on strategic opportunities. What better time to remind our entire team, myself included, that ropes that held us back as a young company are worth testing with our new found strength. Opportunities that we've been conditioned to pass upon may now be new opportunities for the future. In short, doors that were once closed, restraining ropes that were once too strong, need to be tested again.

2019 will be an exciting year of opportunity for SCE. We thank all of our existing clients for the support you've always shown us. We thank our new clients for the faith you now place in us. And we welcome each of you to join us as we test boundaries and push the envelope.

Jody Cordaro
Chief Executive Officer

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