



## Waste is a Terrible Thing To Mind ...

**SCE Environmental Group, Inc.**

Jersey City, NJ

Uniondale, NY

Smithton, PA

Lake Ariel, PA

Fairmont, WV

*An SCE technician stands amid Hurricane debris.*

## Cat 5.

### *SCE joins Hurricane Relief Effort.*

At the heart of a very active hurricane season, the third quarter of 2017 featured numerous and powerful tropical storms. For the first time in seven years, five major hurricanes formed in the month of September alone. Harvey and Irma struck the continental United States in the span of two weeks; the first time the country



has suffered two landfalls of such intensity during the same hurricane season.

Leading into the month, Hurricane Harvey slammed into Texas as the first major Hurricane hit on the United States in 12 years, and the first Category 4 hurricane in over a half century. The National Weather Service tweeted, "This event is unprecedented & all impacts are unknown & beyond anything experienced..." The damage caused by Harvey has been estimated between \$65 billion and \$200 billion. The storm took the lives of 89 people in the United States and generated nearly six feet of rainfall in Texas, a record for the United States.

Days later, Hurricane Irma achieved Category 5 intensity with peak winds of 185 mph as it moved through the northern Leeward Islands. The storm made landfall in Cudjoe Key of the Florida Keys early on September 10, and a few hours later, it struck Marco Island, Florida, with winds of 115 mph.

Irma, too, was an historic storm. Placing 11th on the all-time list of intense hurricanes in the Atlantic basin, the storm set a worldwide record by maintaining its peak intensity for 37 consecutive hours. Irma ties for the record as the strongest land-falling cyclone on record in the Atlantic.

Within hours of the storms receding, SCE crews were dispatched into south Florida and Puerto Rico. Work includes debris removal, tub grinding, debris hauling, utility work, demolition and debris management throughout eight counties in Florida and four counties in Puerto Rico. SCE has established staging yards, man-camps, and has moved personnel and equipment into place for this large-scale long-term effort.

*(Also see page 6, History of SCE Emergency Response)*



*RVs and boats strewn on a beach in Harvey's path.*

# Caribbean Update.

## *Projects in Cayman Islands and Cuba wind down.*



**Cayman Islands.** Faced with a daunting and inflexible schedule, SCE's crews completed the environmental abatement and demolition of a portion of the John Gray High School in George Town, Grand Cayman, as the first phase of a project with a critical construction deadline later in the year. Construction crews must complete a new gymnasium that will be featured in the Inaugural Cayman Islands Classic NCAA Basketball Tournament, which will take place on November 20-22, 2017 and features teams from Iowa, Cincinnati, Wyoming, UAB, Richmond,

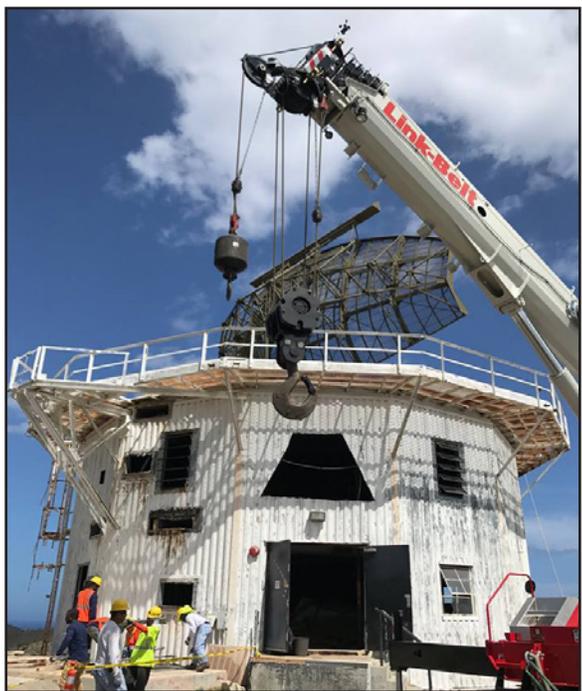
Louisiana Ragin Cajuns, Buffalo, and South Dakota State.

With such a critical deadline looming, SCE's crew, led by Project Superintendents Bill Quinn and Lenin Velez, mobilized to the site, abated all asbestos, and demolished the facility ahead of schedule and without injury or incident. The project is SCE's first venture on this Caribbean island.

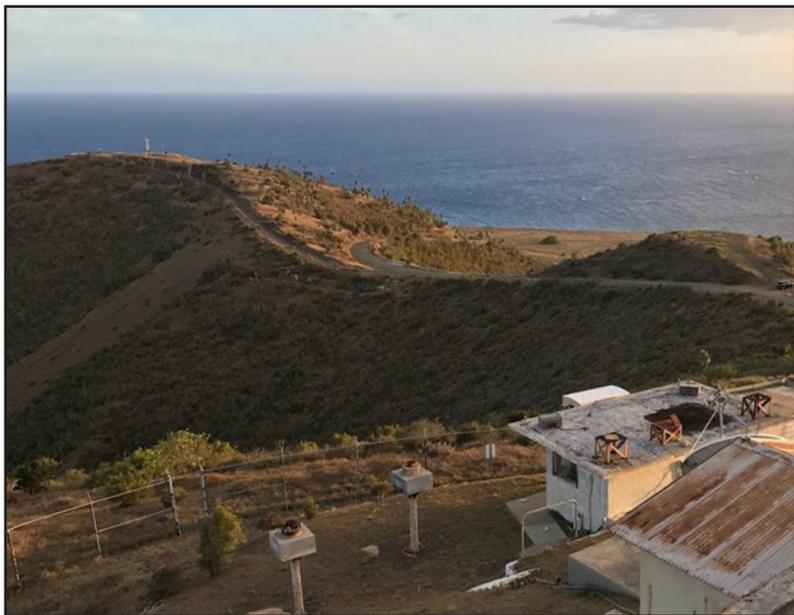


*A portion of John Gray High School prior to demolition.*

**Guantanamo Bay, Cuba.** In September, SCE's crews completed the abatement of hazardous materials and demolition of a radar facility at the Air Route Surveillance Site located at Guantanamo Bay Military Base. The team, led by Jeff Trapper, Site Superintendent, mobilized in late June and by early August had removed the dome from the radar tower. By mid-September, the entire facility had been demolished, the land was restored, and the team had demobilized. The project was completed ahead of schedule with over 3,100 safe man-hours worked.



*Crews prepare to remove radar antenna.*



## Port Authority Work Continues.

*Multiple Active Contracts Proceed.*

During the Third Quarter, SCE's crews worked on a large-scale lead based paint abatement project at a Port Authority Trans-Hudson (PATH) Train Platform in New York City. This work was completed under SCE's existing multi-year Port Authority of NY and NJ Contract. PATH is a rapid transit railroad serving Newark, Harrison, Hoboken, and Jersey City in metropolitan northern New Jersey and Manhattan in



New York City. Under the terms of this contract, SCE will provide asbestos, lead and universal waste abatement for the Authority's PATH rail system. Existing contracts for similar activities are in place for the World Trade Center in New York City, and for the Authority's substantial marine terminals in New Jersey.

Under the same contract, and scheduled for the fourth quarter of 2017, SCE has also been awarded a contract for the abatement of lead-based paint from the superstructure of the Harrison PATH Station in Harrison, NJ. SCE crews will utilize sponge jet media to blast paint and rust off of the structure's girders. Once prepared,

the girders will be painted with a three-coat zinc, epoxy and polyurethane protection.

Also in the third quarter, SCE crews continued work under a Two Million Dollar contract with the Port Authority for Remediation System Upgrades to the Bulk Fuel Farm and Satellite Fuel Farm at John F. Kennedy International Airport in Queens, NY. The work under the contract includes the replacement or modification of the existing dual-phase extraction system and related piping; modifications to well manifolds; and modifications to mechanical and electrical equipment at the facility.



## New York Power Authority.

*SCE assists at SUNY Facility.*



SCE has been awarded a contract for Energy Efficiency Improvements to the SUNY Upstate University Hospital Community Campus. The contract is part of the New York Power Authority Energy Services Program. The scope of work includes energy efficient upgrades to equipment and lighting. SCE's portion of the work order includes the abatement of asbestos on insulated chilled water and steam lines, joint fittings, wrap insulation, black tar, and pipe flange gaskets located in a mechanical room, the steam plant, and chiller plant cooling towers. The project is expected to commence and be completed within the fourth quarter of 2017.

## Military Housing Contracts.

*SCE crews at two Military Facilities.*

SCE crews have mobilized and begun abatement and restoration work at a Naval Family Housing complex at Fort Adams in Newport, RI. Fort Adams is a former United States Army post in Newport, Rhode Island. The Fort is one of the largest in the United States and has a rich heritage. Established on July 4, 1799 as a First System coastal fortification, the Fort played roles in virtually every US conflict from the Civil War through World War II. In 1965, the Fort was converted to a state park and has been the focus of significant restorations since the 1990's.

A recent fire at the facility caused damage to a number of housing units. SCE's role was to abate asbestos-containing materials, perform interior demolition to remove all fire-damaged areas down to studs and sub-floors, and clean all areas in preparation of rebuilding activities.



*Fort Adams, Newport Rhode Island.*



*Fort Hamilton, Brooklyn, NY.*

In Brooklyn, NY, SCE has been retained to perform extensive rehab to the exterior of the Military housing at Fort Hamilton. Originally completed in 1831, the Fort was built as a coastal defense in response to British attacks on Washington during the War of 1812. The Fort remains the last active duty military post in New York City, and is the home of the Army Corps of Engineers, the 1179th Transportation Brigade, the 722nd Aeronautical Staging Squadron, as well as the Army Reserve and the New York National Guard.

The sea air has ravaged the exterior siding, HVAC units, stairways, soffits, downspouts, trim, columns, and exterior lighting. SCE crews will remove impacted materials from all affected areas and install new replacement materials. Work is expected to complete shortly after the end of the third quarter.

## SCE Construction Services.

*Tasks not always environmental.*

SCE's efforts at Forts Adams and Hamilton continue the company's delivery of construction services. While traditionally considered as an environmental remediation and demolition specialist, SCE has amassed over a decade of experience in providing construction and renovation related services to a select group of clients. Construction and renovation services range from routine concrete work all the way to full vertical new construction.



**On the Sound.** SCE is the NYCDOB General Contractor on this premier construction effort at City Island in New York City. 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.

**Former Paint Factory.** In a multi-year effort, SCE crews worked on an uninterrupted series of phases at an industrial site in New York State. The project started with the interior demolition and decontamination of a 160,000 square foot, four-story former manufacturing facility. Throughout the demolition and remediation effort, SCE crews were called upon to perform new construction and renovation services. Crews installed new concrete sidewalks, ramps and interior floors. Additionally, the company installed new doors and windows in an annex building that is being prepared for future residential housing.



**Harlem River Housing.** SCE provided partial demolition and asbestos abatement at the New York City Housing Authority project at the Harlem River Houses. SCE's multi-million dollar scope of work included the removal of an asbestos-laden brick parapet that outlines each of several structures in the complex. Additionally, SCE was charged with the renovation of hundreds of windows in the many housing units, and with the restoration and re-installation of heating radiators previously coated in lead-based paint.

**School Remodeling.** SCE was the prime contractor in an asbestos remediation and construction effort at a 9,400 square foot former Elementary School re-purposed as a professional and commercial office complex. After all remediation was complete, SCE crews removed and replaced old windows and doors, stair systems, hand rails, and restroom facilities. In addition, crews made the building ADA compliant with, inter alia, ramps where necessary. Construction and renovation to the exterior included facade restoration along with extensive concrete and asphalt work. With the exception of specialty trades of electrical and HVAC, SCE self performed all work at the site.



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**West Point Military Academy.** SCE crews undertook the demolition and reconstruction of walkways and steps near Mahan Hall - the nine level, 75 classroom home of the Academy's Department of Civil & Mechanical Engineering and the Arnold Auditorium.

## Bedford Project Complete.

Abatement and demolition work wrapped up at SCE's project in Bedford, MA. This asbestos abatement, decommissioning and demolition project included a 56,800 square foot building housing a manufacturing Quality Control (QC) laboratory and ultrafiltration casting operations, as well as another 24,500 square foot production process building housing mixing, casting, manufacturing, dryers, gown rooms, and offices. As the Third Quarter drew to a close, crews completed final restoration and hydro-seeding. In total, the crew worked more than 9,250 hours safely and without injury.



## “SCE Cares.”

### *Community Program In Full Swing.*

SCE’s community outreach program, continued during the third quarter. The company’s monthly commitment to the Seven Loaves Soup Kitchen in Tunkhannock



*Mariah Wheeler and Logan Hivner serve dinner as Sophia and Sam Cordaro provide bread and butter.*

brought out teams of SCE personnel to assist in preparing and serving food to locals in need of assistance. Family members got in the act too as company President, Jody Cordaro, his wife, Trudy, and two of their children, Sophia and Sam, again lent a helping hand.

The company also supported the Jack Attack Benefit Ride - a ride organized by Full Moon Cycles to assist Jack, a youngster diagnosed with leukemia. As part of the effort, SCE fulfilled Jack’s wish for a drone and virtual reality goggles.



*Jack and his drone*

Thanksgiving Food Drive, Christmas gift donations, and other activities to bring a better holiday experience to the less fortunate. Purchasing Manager, Lauren Delguercio, and Project Manager Assistant, Mariah Wheeler, again spearhead the effort.

“SCE Cares” shifts into high gear as the Fourth Quarter approaches. Plans are already underway for a

## Hurricane Efforts continue SCE’s History of Emergency Responses.



**September 11th:** SCE’s role in Emergency Response can be traced to the historic terrorist attack on September 11, 2001, at the World Trade Center. Within hours, SCE was at the site with over 70 environmental professionals who performed decontamination and demolition efforts in support of the clean up activities.

**Anthrax:** In the weeks that followed, SCE implemented an emergency response service for biological, chemical and industrial incidents throughout the Eastern United States. Operating out of regional command centers, SCE responded to actual and threatened terrorist incidents with services including quarantine of impacted areas, sampling and analysis, and remediation activities. SCE participated in the response and remediation of Anthrax at NBC Studios in New York City, and the Senate Office Building in Washington, D.C.

**Hurricane Response:** SCE is frequently engaged in weather-related emergency response. In addition to Hurricanes Harvey and Irma this Quarter, SCE has worked in the aftermath of Hurricanes Charley, Jeannie, Ivan, Katrina, and Sandy as well as Tropical Storm Lee. In 2012, Superstorm Sandy slammed the New York Metropolitan Area. Within hours, SCE crews were dispatched throughout New York and New Jersey, providing services including demolition, ACM removal, debris removal, and hauling. SCE removed debris from



Bay Street Landing in Staten Island, NY; provided curbside debris removal throughout Breezy Point, Roxbury, Far Rockaways and Rockaways NY; managed debris collection, loading, and transportation to centralized processing centers (TSS) throughout NY and NJ; remediated the Memorial to 9/11 located in Roxbury, NY; and provided equipment and crews to assist the National Park Service at Gateway National Recreation Area in a whale autopsy and disposal at Breezy Point. At one point, SCE has over 100 workers and 38 pieces of equipment throughout NY and NJ.



In New Jersey, SCE was the prime contractor in the remediation of a cemetery inundated with a storm surge that deposited a layer of oil on the grounds. Remediation called for the excavation of 3” to 24” inches of surface soil over an area in excess of 150,000 square feet. Maintaining the dignity of the area, SCE crews worked around all tombstones, marking pins, and survey stakes to ensure nothing was disturbed. As a rule, each day’s excavation was backfilled, graded and resodded before the end of that day.

Sandy also inundated Seaplane Hangar 38 on Miller Field on Staten Island, New York. The field was established in 1919 as part of a system of aerial coast defenses for New York City during World War I. An early aviation building, Seaplane Hangar 38, was constructed at Miller Field in 1920 for the U.S. Army and is the sole survivor of a hangar group and base comprised of approximately 40 buildings. The facility is on the National Register of Historic Places. Carrying contaminated mud and sludge into the hangar bays, the storm surge damaged features and exacerbated ongoing deterioration of interior and exterior finishes. SCE was retained to mitigate life-safety hazards and protect the historic facility.

**Snow Emergency:** In January 2016, SCE mobilized all available equipment and crew in an emergency response to open roads in Virginia and Maryland rendered impassable by the record breaking Storm Jonas. The blizzard, a Category 5 snow storm, produced up to three feet of snow in parts of the Middle-Atlantic and Northeast United States. The killer storm took more than 50 lives and affected more than 100 million people. Eleven states declared a state of emergency.

With the storm overwhelming the capacity of existing snow removal systems, SCE was called into service as part of an emergency response contract. All available personnel and equipment were mobilized and onsite within hours. Crews and equipment were dispatched to service locations in Baltimore City and County, in Maryland, and Alexandria and Woodbridge County, in Virginia. Over fifty pieces of equipment were prepped, loaded, and transported to the storm scene within hours. The effort amassed over 2,450 man-hours in only 5 days.

**Stream Protection:** SCE provides emergency services in the gas and oil industry as well. In the heart of the Marcellus gas play, where natural gas is extracted through the use of hydraulic fracturing, SCE was contracted to perform emergency response to a Horizontal Directional Drilling (“HDD”) incident involving the inadvertent return of drilling lubricants.

When the return threatened a nearby stream, SCE crews mobilized quickly. Working 7 days per week and 14 hours per day, the team provided stream diversion and pump around, cofferdam construction, excavation, removal and restoration of the affected area.



*SCE pipelines temporarily divert an impacted stream.*

## *Last Thoughts ...*



During the Third Quarter, the SCE Management Team took some time away from the company's work and used that time to work on the company. I can read your mind already: a couple days wasted on esoteric core values, a chorus of "Kumbaya" followed by uncomfortable hugging, and the inevitable "fall backward and trust your co-workers to catch you" routine. Nope. Not this time.

Under the tutelage of a most-skilled team facilitator, we got at the core that defines us. Digging under the layers, we didn't find comfy words like "noble", or "humanity", or "empowerment". No, at the core of SCE we found one overriding word; one overarching theme; we found "Grit".

How did we reach that? An interesting process. We were challenged to think of the most effective employees at SCE and then describe their personalities and work habits. The single most common denominator was, you guessed it, grit.

And in retrospect, none of us were surprised by this revelation. For its size and accomplishments, SCE is a remarkably young company. It wasn't built with a huge head start from a generous benefactor, nor from a golden egg in the form of a rich uncle's inheritance. It was built by a blue collar worker with the assistance of other blue collar workers, who eventually brought in some white-collar folks to build it some more. And the common theme among all of the people that have flourished here is "grit".

If you need your hand held, if you always need the seas to be calm, if the plan must be locked down and inviolate, then SCE is not your home. Ours is a team of rugged individualism; of people who see a challenge and tackle it. Our people aren't very good at "staying in their lane" and for a long time I fought that. Now I embrace it. To succeed here is to never ... ever ... say, "that's not my job." The "job" of every person at SCE is to make our young and dynamic company the best and most successful it can be. The "job" of every person at SCE is to deliver a safer, cleaner environment for this generation and generations yet to come.

It will take grit to get there. Thankfully, we have more than our fair share.

Jody Cordaro, President

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