

CLARIFIER

A PUBLICATION OF GULF COAST AUTHORITY



SPRING 2018

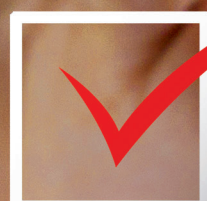
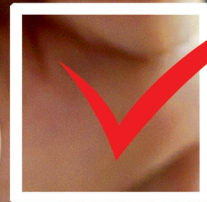
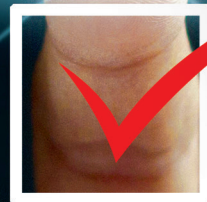
HARVEY

**CRITICAL
RESPONDER GCA
CHECKS ALL
BOXES IN
HURRICANE HARVEY
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GCA CHAIRMAN'S LETTER



It is an honor and a privilege to serve as Chairman of the Board of the Gulf Coast Authority. Day in and day out, I get to witness the dedication and professionalism of GCA employees as they go about their business of protecting the waters of the State of Texas, serving our municipal customers and contributing to our robust economy by providing cost-effective, award-winning industrial wastewater treatment services to industry on a regional scale.

It's a tough, complicated, detail-oriented business even on a good day. But when one of the worst natural disasters in U.S. history hits right in the middle of your operating area and you have to keep performing despite unprecedented conditions and significant employee dislocations, you really see what an organization is made of. And GCA is made of grit, determination, dedication and selfless teamwork, as embodied in our values of **Stewardship, Communication, Reliability, Integrity, Planning and Teamwork.**

We at GCA have a significant and awesome responsibility to fulfill and I can testify on behalf of the entire board that our people and our organization are more than up to the challenge, as this issue of Clarifier, highlighting Hurricane Harvey, so ably demonstrates.

Thanks to our managers and employees for all that you do.

Sincerely,
Franklin D.R. Jones, Jr.

A handwritten signature in black ink, appearing to read 'Franklin Jones', written in a cursive style.

GULF COAST

GCA GENERAL MANAGER'S LETTER



I had only been on the job of General Manager for two months when GCA was faced with one of the most difficult challenges in its history. Many of *Clarifier's* readers reside in the Houston area and know firsthand just what an unprecedented, deadly, and overwhelming event Hurricane Harvey with its torrential rains and horrific flooding was for our region.

We knew we had carefully thought out disaster plans. We knew we had a staff of dedicated employees who work together as a team. We knew we had world-class wastewater treatment facilities that are well maintained and up to date in terms of capacity overhauls. But, still, when an event of this magnitude strikes, there's this little voice deep inside you asking, "Have we done everything we possibly could to prepare? Can we handle a potential disaster on such a monumental scale?"

I am so proud to report that, thanks to the teamwork and selfless dedication of our phenomenal employees and management, and thanks to our detailed plans and their above-and-beyond execution by so many team members at every level of our organization, we persevered over the storm's obstacles and unexpected challenges. We fulfilled our mission. We served our customers. We protected our people's safety.

My heartfelt thanks to all — our employees, our managers and our Board of Directors — for your hard work and support during the most trying of times. And thanks to our customers and our communities for their understanding, cooperation and trust, which we strive to earn every day.

I am proud and humbled to be a part of our remarkable team.



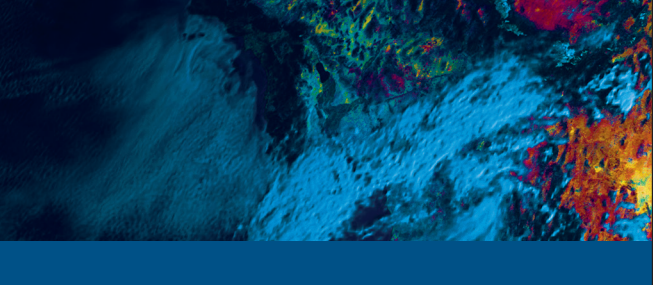
Sincerely,
Lori Traweck

A handwritten signature in black ink that reads "Lori Traweck". The signature is fluid and cursive, written over a faint background image of palm fronds.

AUTHORITY



GCA EXCELS AS FIRST RESPONDER DURING HURRICANE HARVEY



RESPONDING

Category 4 Hurricane Harvey, which slammed into the Texas coast on Aug. 25, 2017, is tied with Katrina as the costliest natural disaster ever to hit the United States. The storm and its accompanying rain bands pummeled the Greater Houston Area for nearly a week, dumping record precipitation levels (50-60 inches in some areas), overwhelming drainage systems and at one point inundating one-third of Houston with thousand-year flooding.

The overall economic impact of the disaster is yet to be tallied, but damage estimates alone totaled \$125 billion. The floodwaters damaged or destroyed

nearly a quarter million homes, ruined a million vehicles, cost 88 people their lives and contaminated or compromised water supplies all across the metropolitan area.

If there is a bright spot to this story of record devastation it is the way the government, people and businesses of Houston came together to help one another in time of need, rescuing neighbors and strangers, helping those affected clean up the muck within their homes, donating food, clothing and shelter, exhibiting heroism and kindness on a spectacular scale as the whole world watched.



GCA STEPS UP

In the thick of it all was an organization created by the state legislature with the vital mission of protecting the waters of the State of Texas and the awesome responsibility of keeping much of the Houston Gulf Coast Region's vital petrochemical industry as well as a number of municipalities in the area up and running by providing continuity of its wastewater treatment services. That organization is Gulf Coast Authority, or GCA.



G TO HARVEY

First and most obvious, GCA faced the same problems everyone else impacted by Hurricane Harvey had to deal with: damaged and destroyed vehicles, homes, facilities and infrastructure. But on top of all that, the flooding directly challenged GCA's dual responsibilities of protecting public health through reliable wastewater treatment and keeping the region's vital petrochemical infrastructure running smoothly through its regional industrial wastewater treatment operations. In other words, GCA was not only a victim of Hurricane Harvey; it was also a key first responder to the disaster.

“ WE HAVE A RESPONSIBILITY TO OUR EMPLOYEES, OUR CUSTOMERS AND THE GENERAL PUBLIC, AND I AM PROUD TO SAY THAT OUR GCA TEAM PULLED TOGETHER AND PERFORMED SUPERBLY THROUGH SOME VERY TRYING TIMES,” SAYS GCA GENERAL MANAGER AND CEO LORI TRAWEEK.

“As a critical first responder, GCA has a hurricane plan that we follow to ensure that our facilities are able to keep running so that our customers’ needs are served and state waters are protected, while at the same time ensuring that our employees are safe,” Traweek explains. “The plan includes communications and notification protocols, pre-positioned food and critical supplies at all of our facilities so that they can operate even if isolated by flooding or other catastrophic events, and a host of other components. While we always learn from experience and adapt our plans accordingly, I must say that our people and our facilities all performed in an exemplary manner during and after Hurricane Harvey. I am so very proud of our employees, many of whom came in to work even though their own homes had flooded.”

Per the plan, facility managers activated emergency procedures and stationed personnel on site in anticipation of the hurricane’s rainfall.

TEAMWORK

“ SAFETY IS A VERY IMPORTANT PART OF OUR CULTURE AND ONE OF THE FIRST THINGS WE DID WAS TO REQUIRE THAT ALL NON-CRITICAL EMPLOYEES STAY HOME UNTIL IT WAS SAFE TO TRAVEL TO WORK. AT THE SAME TIME, WE HAVE A DUTY TO OUR CUSTOMERS AND THE GENERAL PUBLIC, SO WE MAINTAINED CRITICAL PERSONNEL ON SHIFT AT OUR FACILITIES,” TRAWEEK OBSERVED.

“ AS I SAID, I AM SO, SO PROUD OF OUR EMPLOYEES. WE HAVE SO MANY INSTANCES OF LEADERSHIP, DEDICATION AND TEAMWORK AT EVERY ONE OF OUR HOUSTON-AREA FACILITIES, AND IT IS THANKS TO THESE HEROES THAT WE WERE ABLE TO PROVIDE RELIABLE WASTEWATER TREATMENT SERVICES TO OUR CUSTOMERS SO THEY COULD KEEP THEIR OPERATIONS GOING.”



WORK



More on GCA employees' monumental efforts—the human side of the story—is contained in the following article on *GCA's Hurricane Harvey Heroes*. But the hard facts speak for themselves:

Despite operating in a coastal area at the center of one of the most massive, destructive weather events ever to hit the United States, every GCA-owned facility in the greater Houston-Galveston area remained in operation throughout Hurricane Harvey. Not a single industrial user of GCA wastewater treatment services suffered a wastewater-related shutdown. Our Blackhawk Municipal Wastewater Treatment Facility provided service to its residential customers in Friendswood, Texas, and the surrounding area throughout the storm. Cedar Bayou, a small Municipal Utility District (MUD) treatment facility operated by but not owned by GCA was inundated and incapacitated by floodwaters but we were able to switch its residential customers over to the City of Baytown within two days. The National Weather Service recorded a Continental U.S.-record rainfall of 51.88 inches at Cedar Bayou on Aug. 29.

GCA's hurricane plan worked. GCA's people excelled. GCA's critical mission as a first responder protecting the waters of the State of Texas was successfully fulfilled under the most trying of circumstances and for that we are very proud.

ALL SCRIPT AWARDS GO TO GCA “HURRICANE HARVEY HEROES”

GCA's SCRIPT Awards are presented to employees whose performance best exemplifies the Authority's values: **Stewardship; Communication; Reliability; Integrity; Planning and Teamwork.** The third-quarter 2017 awards recognized 33 GCA team members for their extraordinary contributions during and after Hurricane Harvey. SCRIPT Award recipients are nominated by their supervisors and peers.

These remarkable employees represent the human story behind GCA's successful operations during one of the worst natural disasters ever to hit the United States. Their tales provide a glimpse of what it was like at each of the facilities affected in the midst of a massive hurricane.

The Bayport Facility staff recognized eight winners:

Chief Operator Keith Campbell — He was on duty Saturday night (Aug. 26, 2017) when Harvey stalled over Houston, flooding out homes, businesses, roads and bridges and preventing relief crews from reaching the facility. Supporting Keith at Bayport during the worst of the storm were operators **Marco Araujo, Nick Guess** and **David Williams**. This group of heroes stayed on the job, running the facility, solving storm-related operational challenges and maintaining uninterrupted service to the more-than 70 industrial users and two municipalities who rely on Bayport to process their wastewater. They alternated shifts, remaining on site through the Wednesday day shift despite personal flooding at home. Even after two more dogged employees finally made it to the site on Monday, the original-crew stayed on for two more days to help.

Chief Operator Eddie Carrillo and Operator Chris Calloway — These are the “two more dogged employees” who never gave up trying to reach the Bayport Facility to relieve its water-surrounded crew. Knowing that their own

families were safe wasn't good enough; they were driven to get to their fellow team members stranded at the plant for 24 hours straight. And get there they did, where they spent another 48 hours alternating shifts, keeping everything going. Together they caught some potential issues that could have negatively impacted the site, including loss of the discharge-to-bay (DTB) pumps due to a bleach pump interlock, higher overflows from a pond as a result of heavy rainfall, and other concerns. They also provided a huge morale boost to the exhausted original crew.



L to R: Marco Araujo, Keith Campbell, David Williams and Nick Guess



L to R: Eddie Carrillo, Susan Calhoun, Chris Callaway and Mike Cunningham



Compliance Supervisor Mike Cunningham and Purchasing Coordinator Susan Calhoun — Although Mike's home suffered damage and flood conditions prevented him from physically reaching the facility, he manned the phone offsite Monday through Wednesday to ensure proper documentation of all compliance issues occurring during the storm as well as providing guidance and other support to GCA. Throughout, he was in constant communication with facility personnel and GCA leadership, while finding time to take on the responsibility of helping fellow employees cope with their damaged homes. Susan was considered a non-essential employee but jumped into action upon learning that the Bayport Facility needed deliveries of critical materials during the storm. She twice secured deliveries of diesel fuel to keep the site's rental DTB pump running. Without the fuel, the facility would not have been able to handle the volume of rainwater and influent (incoming water), which could have led to environmental issues, reduced water treatment capacity or a complete User shutdown. She also did everything in her power to maintain bleach supply so that Bayport's disinfection would remain operational. On top of that, she refused hurricane pay, saying "It's my job; I'm happy to do it for my GCA family."

In GCA's Central Office, **Joanne MacDougall, Process Engineer**, was recognized for taking the lead in running the Technical Services Department which was undermanned due to the technical director being out of town and his deputy stuck at home successfully fending off the floodwaters. Though unable to reach the facility itself, she stayed in close communication with the site throughout the hurricane, including monitoring oxygen supply and helping calculate pond capacity timelines. Day and night, she assisted the Chief Operator with critical advice and counsel, including how to keep the DTB pump running by bypassing a non-safety interlock.



L to R: Kenny Gasaway, Junior Bernal and Errol Currie



L to R: Jay McMillan, Municipal Superintendent Brianna Morales, and Albert Smith



Craig Pogue



L to R: Erik Freund and John Mletzko

The **Blackhawk Regional Wastewater Treatment Facility** staff nominated **Operators Albert Smith III and Jay McMillan** for their successful efforts to keep everything running at this critical facility serving residents of the Friendswood Community and surrounding area in the Clear Creek watershed. Albert was called in on Saturday to check out a momentary power outage at the facility as Hurricane Harvey stalled over Houston. He restarted the lift station (flagging down a passing boat to reach the remote station) and other equipment required to keep the plant operating but became stranded there by the floodwaters. He remained at the facility four days, refusing to be relieved, and then returned to help after his long shift. Throughout, he documented storm damage to the facility with photographs and notes. Jay used his own canoe to reach Blackhawk and relieve Albert on Wednesday, Aug. 30, and then stayed overnight to monitor plant operations. He played a vital role in restoring the facility's Trojan UV (ultraviolet) disinfection system and lift station to service during the storm.

GCA's **Washburn Tunnel Facility** staff recognized eight employees with SCRIPT Award nominations for their heroic efforts to keep that facility online throughout Hurricane Harvey.

Chief Operator Errol Currie, and Operators Willie Miller and Chuck Williston were on duty at Washburn Tunnel from Saturday night until Monday morning as torrential rains pounded the facility and the Houston Ship Channel. Chuck's home was flooding during this time period. Some equipment at the plant was out of service due to storm-related electrical issues and did not restart automatically, but this team was able to utilize a portable pump to remove storm water in some areas of the plant thereby prevent flooding of crucial equipment.



L to R: Lori Traweek, CEO, Terri Strachan, Facility Manager 40 Acre (retiring); Kevin Perkins, David Espinoza, John Bourman and Scott Harris, COO.



L to R: Terri Strachan, Facility Manager 40 Acre (retiring); Cliff Pabon, Joann Vasquez and Diane Maloy, 40 Acre Facility Manager (incumbent).



L to R: Mai Bui, Marie Branum, Lingmei Ma, Jaren Hayashi, Chris Levy, Victoria Mathews, Karen Villermin, Martha Espinosa and Diane Maloy, Central Lab Manager. Not pictured, David Pineda.





L to R: Doris Haydon, Central Lab Manager and David Pineda

the tides. Throughout the event, this team of dedicated employees maintained operation of the facility without any interruption of service, treating the equivalent of 166 Olympic-size swimming pools. The facility had zero unauthorized discharges or washouts from treatment equipment, though influent (incoming water) did exceed permit levels a couple of times due to unprecedented volumes of storm water.

GCA's **Central Laboratory** staff nominated nine employees for Hurricane Harvey-related contributions: **Labbies Chris Levy; Victoria Mathews; Martha Espinosa; Jaren Hayashi; David (Fidel) Pineda; Karen Villerman; Marie Branum; Lingmei Ma; and Mai Bui.** When Harvey hit Houston, Marie was the first to make it into the lab to perform testing. Lingmei and Mai could not reach the lab due to street flooding, but by Tuesday, Aug. 29, they had joined Marie in setting up analysis for as many tests as possible and in organizing samples for staff to test the next day. They worked tirelessly to perform much needed analyses for GCA's facilities.



L to R: Chuck Williston and Willie Miller

Instrumentation and Electrical Lead Kenny Gasaway and Mechanic Lead Junior Bernal also arrived at the facility on Monday morning during a momentary lull in the flooding. Both had been in contact with operations since Saturday night regarding issues at the plant. Junior helped talk the original crew through startup of the portable pump. Both remained on duty until Wednesday afternoon. Except for a brief period Monday morning, GCA's Washburn Tunnel Facility was unreachable by vehicle from Saturday until Wednesday.

GCA's **40-Acre Facility** staff nominated **Mechanic and Relief Operator John Bourman, Operators David Espinoza and Joanne Vasquez, and Chief Operators Cliff Pabon and Kevin Perkins** for service above and beyond the call of duty during Hurricane Harvey. During the storm, John and Joanne worked 36 hours, Kevin for 58, Cliff for 74 and David for 75 hours. The 40-Acre facility only received 25 inches of rain during the hurricane, but access to the coastal plant was off and on, depending upon

Chief Operator Craig Pogue and Operators Erik Freund and John Mletkzo safely made it to the Washburn Tunnel Facility on Monday morning and remained on duty until they could be relieved on Wednesday morning. They and the original crew collected all on-site samples through the duration of the storm.

TEAMWORK

CHANGE OF LEADERSHIP OF GCA MUNICIPAL OPERATIONS



Jerald Landis

In early January, GCA's longtime Supervisor of Municipal Operations Jerald Landis retired after 27 years with the Authority. He was succeeded by Brianna Morales. In her new position, she is responsible for GCA's only municipal wastewater treatment facility, Blackhawk, as well as operation of a small municipal plant at Cedar Bayou not owned by the Authority.

Landis wore many hats during his career with GCA, including director of safety for the entire Authority. At one time the municipal division of GCA was much larger and Jerald was responsible for managing multiple facilities. He holds an Associate degree in Environmental Science from San Jacinto College and early in his wastewater career taught wastewater classes evenings at his alma mater. Before joining GCA in 1990, he worked for Am-Tex as a water/wastewater operator. Prior to that he was with a geophysical company based on a research vessel off of the coast of Alaska. He holds a Class A Operator's License in both Water and Wastewater. Landis is an avid volunteer for the Civil Air Patrol at Ellington Airport and was a dedicated volunteer to the Girl Scouts



Brianna Morales

and Boy Scouts. He is also a licensed HAM Radio Operator.

Morales began working for GCA under Landis in 2008 as a trainee wastewater treatment operator at the Blackhawk facility. She spent three and a half years there as an operator and maintenance technician before transferring to the Authority's Central Lab, where she served 14 months as a Conventional Chemist. After a two-year stint as Chief Operator for the City of Alvin at its wastewater treatment plant, Morales returned to GCA's Blackhawk Facility as Municipal Operations Supervisor. She was promoted to Acting Superintendent of Municipal Operations after Landis announced his upcoming retirement and took over fulltime as Superintendent upon Landis's departure.

Morales holds a Class A Wastewater Treatment Operator's License with the Texas Commission on Environmental Quality (TCEQ), earned a Bachelor of Science degree in Environmental Management from the University of Houston - Clear Lake and is in the process of completing coursework for a Master's degree in Industrial Management at the University of Texas - Tyler.

40 ACRE/ CAMBPELL BAYOU & CENTRAL LAB



Diane Maloy

March 2018 marked a homecoming for Central Lab Manager Diane Maloy at GCA's 40 Acre and Campbell Bayou facilities. She started her career at the Authority as a bench chemist there in 1981 just two years after moving to Houston after graduating from South Carolina State University in 1979 with a BS in Chemistry and minors in Mathematics and Biology. Now, she's come full circle, returning as Facility Manager.

Maloy also served as Chief Chemist at 40 Acre and in 1985 transferred to the Bayport Facility to become its Chief Chemist until all the facility labs were merged into the Central Laboratory. There, she served as an Organics Chemist before being promoted to Organics Department Coordinator in 2004. She was named Central Lab Manager in April 2007.

She succeeds the retiring Terri Strachan, who went to work at GCA part time in June 1991 and never left. Strachan started as a staff engineer, then served as Director of Technical



Services and Manager of the Central Lab before moving to 40 Acre/Campbell Bayou as Manager ten years ago. The University of Minnesota graduate holds a bachelor's degree in Chemical Engineering and earned her MBA from the University of Houston-Clear Lake in night school.



Terri Strachan

Replacing Maloy as Manager of GCA's Central Lab is Doris Haydon, who was promoted from her former position of Assistant Lab Manager. Haydon is in her 37th year with the Authority, which she joined right after graduating from Texas A&M University in 1981 with a bachelor's degree in Chemistry. She started at the Bayport Facility, then moved to Washburn Tunnel before joining the Central Lab.



Doris Haydon



GCA FACILITIES RECOGNIZED BY NACWA FOR STELLAR PERMIT COMPLIANCE

At its July 25, 2017, meeting, the National Association of Clean Water Agencies (NACWA) recognized all five of GCA's wastewater treatment facilities for their consistently outstanding permit compliance.

Our 40 Acre Facility was awarded a Platinum-6 Peak Performance Award in recognition of six years of complete and consistent National Pollutant Discharge Elimination System permit compliance. The Platinum-6 Award celebrates six consecutive years of 100% compliance.

GCA's Bayport, Odessa South, Washburn Tunnel, and Blackhawk Facilities each received Silver Peak Performance Awards in recognition of their collective consistent permit compliance during the calendar year 2016. Silver awards recognize facilities with five or fewer violations within a single calendar year.

During 2017, 471 NACWA Member Agencies in Texas had a total of 72 facilities earn Peak Performance recognition. This outstanding accomplishment underscores NACWA members' commitment to environmental protection and represents the diligence and hard work of each agency's employees. GCA was honored to be a part of this level of excellence in environmental protection for which all NACWA members strive.

BAYPORT

TWO-YEAR BAYPORT CONSTRUCTION PROJECT WELL UNDER WAY



Bayport safely completed the final step of its in-plant hydraulic improvements which focused on replacing the Return Activated Sludge Pumping Stations, including all associated above-ground piping. This project endured many weather-related challenges ranging

from Hurricane Harvey to starting up the final pumps during the January 16 area-wide freeze. The project and plant teams worked closely together to ensure reliability for our customers and zero impact on the facility's environmental compliance.

The Bayport facility is in the midst of what will be a very busy couple of years of construction activity:

Under the current loading conditions, taking down one of the existing four first step aeration tanks for routine inspection or repair creates a risk of permit non-compliance, so a fifth aeration tank will be installed in parallel. This project also will address issues associated piping and pond liners in the construction area and will add organic treatment capacity to meet current and projected growth in the Bayport Industrial Area. The landscape at Bayport will be changing, with alterations to two holding ponds to make space for the new tank. Construction is currently scheduled to begin in the fourth quarter, with startup expected in the second quarter of 2019.

The main collection system utilized by all Bayport customers, the BIOSAN pipeline, continues to be upgraded to ensure its integrity. We've already started improving the necessary support systems and detailed design is under way for the upgrade of additional sections from carbon steel to fiberglass.

The Bayport facility also is managing smaller projects necessary to maintain reliability, safety and compliance performance. These include upgrading discharge equipment to the bay pumps, replacing and upgrading critical electrical equipment, some of which has been in use since the facility was first purchased by GCA in the early 1970s, and improving the process safety and reliability of our regenerative thermal oxidizers which are used to reduce air emissions.



GCA RECEIVES FIFTH CONSECUTIVE RISK MANAGEMENT FUND SAFETY AWARDS FROM TWCA



GCA's Board of Directors shares the award with Safety Director Brad Peck and the Safety Coordinators from each GCA facility at the January board meeting.

L to R: Board members Mark Schultz and Lamont Meaux, GCA Safety Coordinator Rusty Gross-Odessa, Board Member Dr. Irvin Osborne-Lee, Safety Coordinator Albert Smith-Blackhawk, GCA Safety Director Brad Peck, Safety Coordinator Ben Reese-Bayport, Board Vice-Chairman Rita Standridge, Board Member Nancy Blackwell, and Safety Coordinator Jay Keil-Washburn Tunnel. Not pictured: Safety Coordinators Troy Belmyer-40 Acre & Mark Rausch-Central Lab.

What began in 1988 as a means of putting Texas Water Conservation Award (TWCA) members in control of their own insurance and risk management this year marks the organization's Risk Management Fund's 30th anniversary. As members can attest, the Fund not only provides stability in coverage and rates, but also helps members to develop quality safety and loss prevention programs that save lives and enrich operations. Gulf Coast Authority (GCA) is a longstanding member of the Fund.

Each year the bar for the Fund's award recognition program gets set even higher as members' safety records continue to improve. The Fund annually recognizes select members for their effective safety and loss control programs. In 2017, the organization recognized GCA as a safety leader, commending the Authority for its **Outstanding Safety Record in Workers' Compensation**. This recognition is awarded to those members that have sustained the best experience in reducing employee injuries over the past four years.

The Fund's 2017 safety awards were presented at the TWCA's Fall Conference in San Antonio. The four categories of winners were **Outstanding Safety Record in Workers' Compensation, Most Improved Safety Record in Workers' Compensation, Outstanding Safety Record in Liability and the Leroy Goodson Excellence in Risk Management Award**. Winners in each category are selected based on their claims experience in comparison to all other members in the fund.

CALL FOR GCA VOLUNTEERS

TRASH BASH: A QUARTER-CENTURY OF CLEANUP EVENTS AND GCA INVOLVEMENT

The River, Lakes, Bays 'N Bayous Trash Bash® marks its 25th annual cleanup event this year on Saturday, March 24, and GCA is calling for volunteers.

GCA has been working with and helping manage the project since its inception and is a Platinum Sponsor. GCA General Manager Lori Traweck has led the coordination for Trash Bash on behalf of GCA for the last 23 years and also serves as president of the Texas Conservation Fund (TCF), which organizes the event. Lynda Norton, Executive Assistant for GCA, also serves as treasurer of TCF and two GCA facilities managers have overseen cleanup efforts at two Trash Bash sites for many years.

"It's a half-day event every year and GCA employees have been volunteering from the beginning," says Traweck. "Trash Bash is a great way for our employees to demonstrate their personal commitment to clean shorelines throughout the Greater Houston-Galveston area. And, of course, the event dovetails with GCA's overall mission of protecting the waters of the State of Texas. A big thanks to our local sponsors and volunteers who have supported this event and made it possible to reach our 25th event."

Each year, thousands of Trash Bash volunteers remove tons of trash and other debris, including tires, along the area's many waterways. GCA employees and their families are an important part of that effort.



TRASH





BASH

HAIL AND FAREWELL TO GCA BOARD MEMBERS

GCA bids farewell to two valued members of our Board of Directors, Dr. Irvin Osborne-Lee and Stan Cromartie, and welcomes new Director Kevin Scott.

Dr. Osborne-Lee leaves us after 15 years of dedicated service. He is Professor and Head of the Chemical Engineering Department at Prairie View A&M University. He previously served with the Oak Ridge National Laboratory, Chemical Technology Division, as a Group Leader and Principal Investigator on numerous projects. He earned his BS, MS and Ph.D. in Chemical Engineering from the University of Texas at Austin. His successor will be named by the Harris County Mayors.

Cromartie served on the Board for six years as the Governor's appointee for Galveston County. He is founding principal of ARCON, a single-source solutions firm that provides full-service Architecture, Property Services and Construction/Project Management. He is a member of the American Institute of Architects, Texas Society of Architects, Houston Chapter of TSA, and Director of 518 South Charities. Cromartie earned a BS in Environmental Design from Texas A&M University.

Scott was appointed to the Board in February 2018 to replace Cromartie. He has been a licensed Funeral Director since 2010 and is co-owner of Scott Funeral Home in Alvin, Texas. He is an active member of the Santa Fe High School Football and Baseball Booster Clubs. Scott graduated from Stephen F. Austin University with a BS in 1997 and the University Of Houston Clear Lake with an MS in Educational Management in 2006.



Dr. Irvin Osborne-Lee



Stanley C. Cromartie

BOARD OF DIRECTORS



Franklin D.R. Jones, Jr.
Chairman of the Board,
Harris County



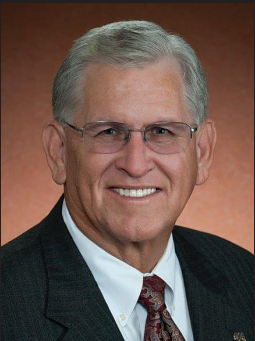
Rita E. Standridge
Vice Chair,
Chambers County



W. Chris Peden
Secretary,
Galveston County



Nancy C. Blackwell
Treasurer,
Harris County



J.M. "Mark" Schultz
Member,
Chambers County



Ron Crowder
Member,
Galveston County



Lamont E. Meaux
Member,
Chambers County



Kevin Scott
Member,
Galveston County

Harris County Mayors
Appointment Pending

MANAGEMENT TEAM



Lori Traweek
General Manager
and CEO



Scott Harris
Chief Operating Officer



Gordon Pederson
Chief Technical Officer



Elizabeth Free
Chief Financial Officer

CORE VALUES

S	STEWARDSHIP
C	COMMUNICATION
R	RELIABILITY
I	INTEGRITY
P	PLANNING
T	TEAMWORK



Protecting the waters of the State of Texas
through environmentally sound and economically
feasible regional waste management practices

Gulf Coast Authority
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